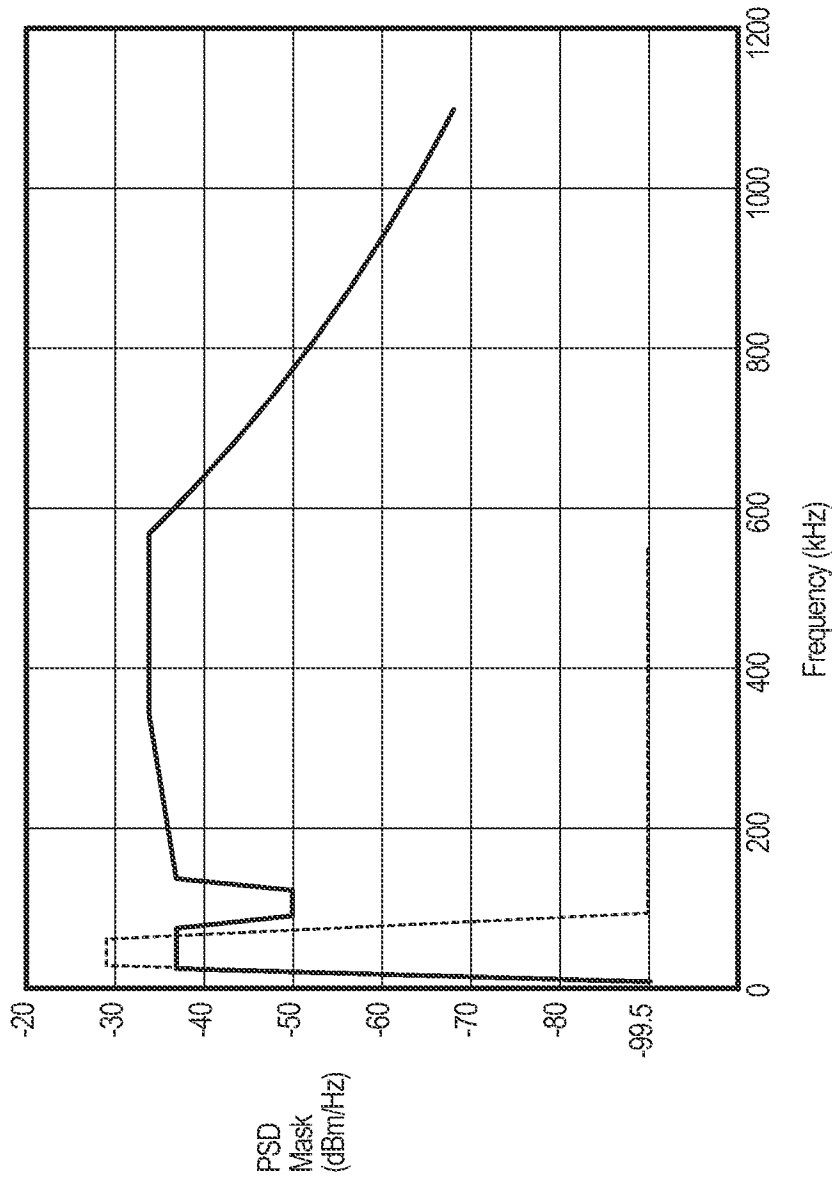


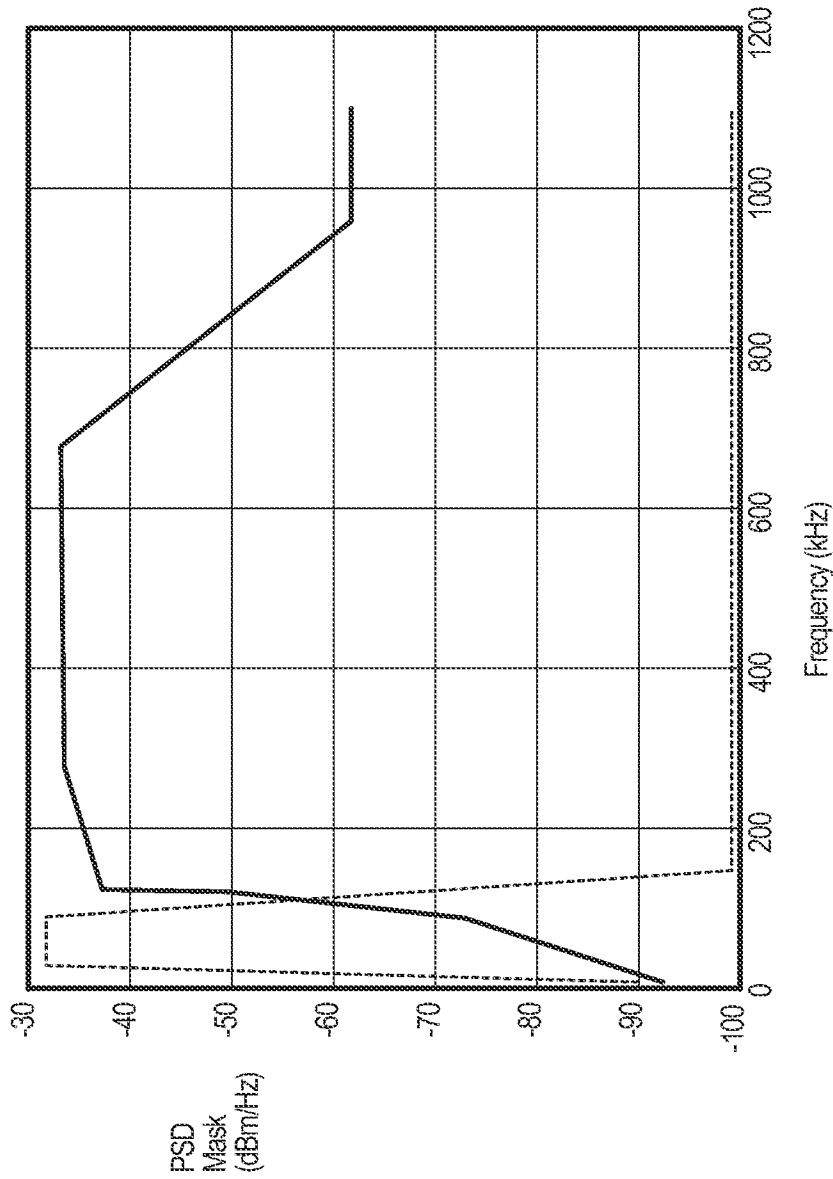
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U1 and D1 PSD Masks, peak values

**FIG. 1**

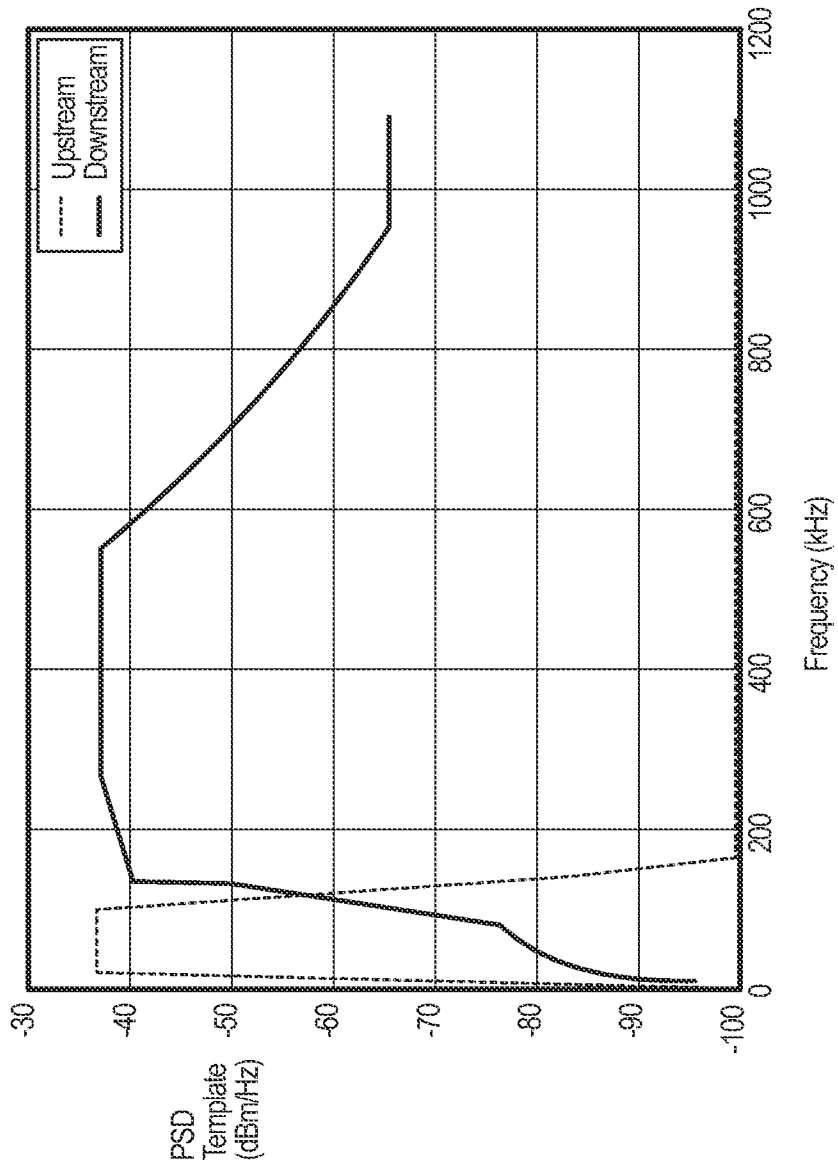
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U2 and D2 PSD Masks, peak values

**FIG. 2**

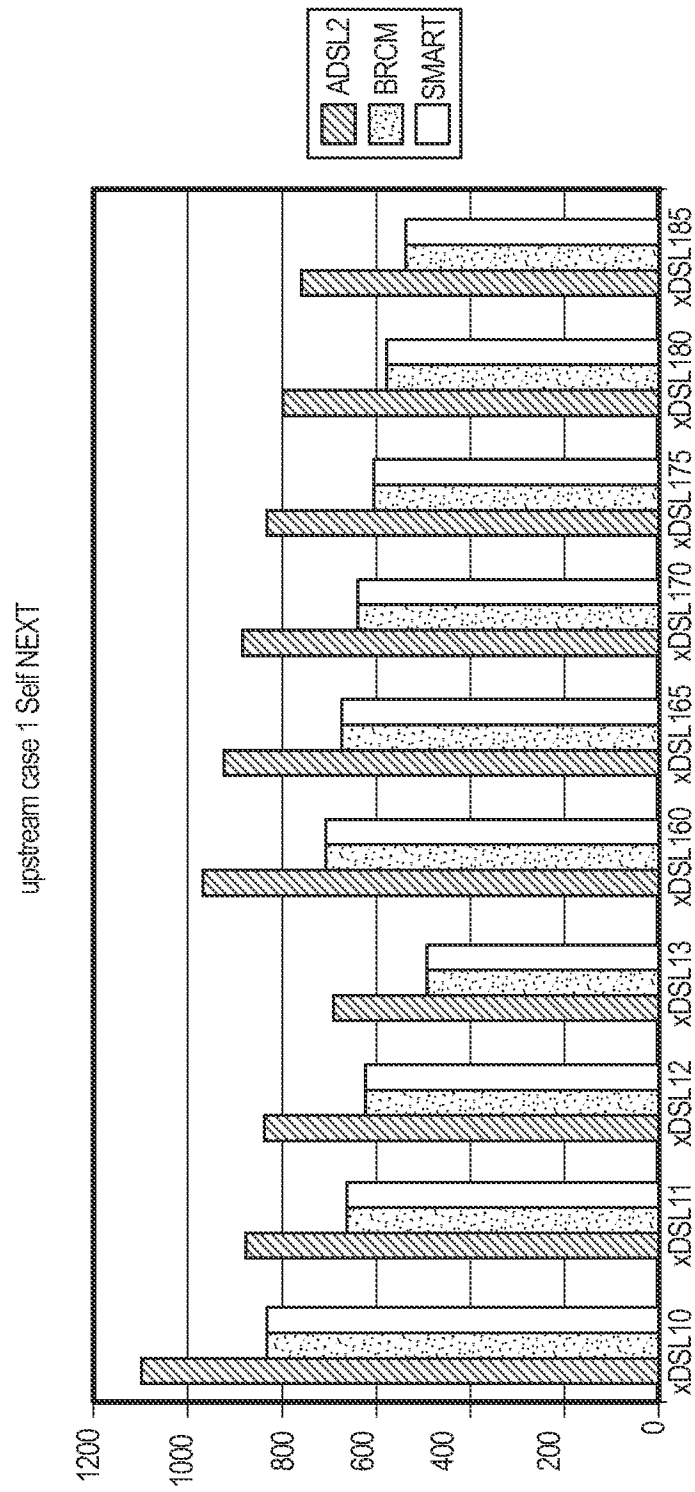
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U3 and D3 PSD Templates, average values

**FIG. 3**

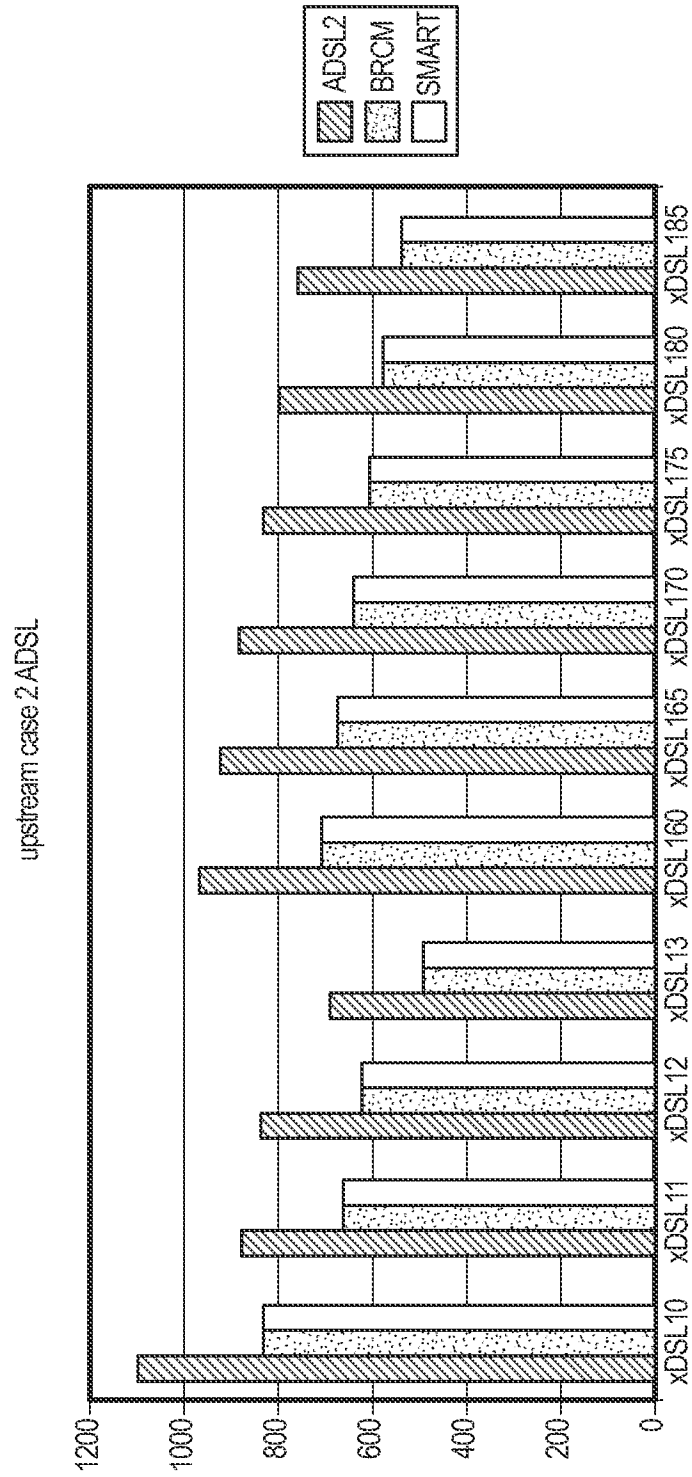
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Bar Chart, Upstream Rate, Noise case #1, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 4**

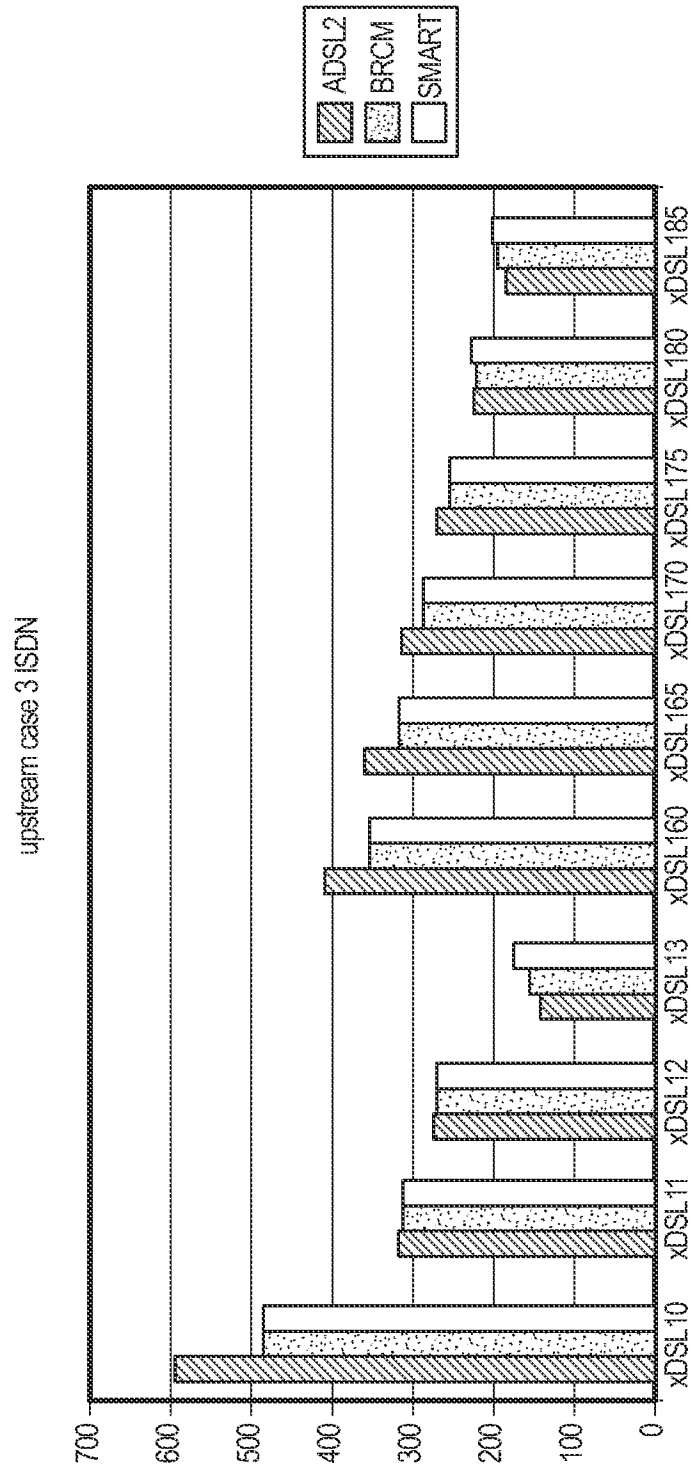
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Bar Chart, Upstream Rate, Noise case #2, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 5**

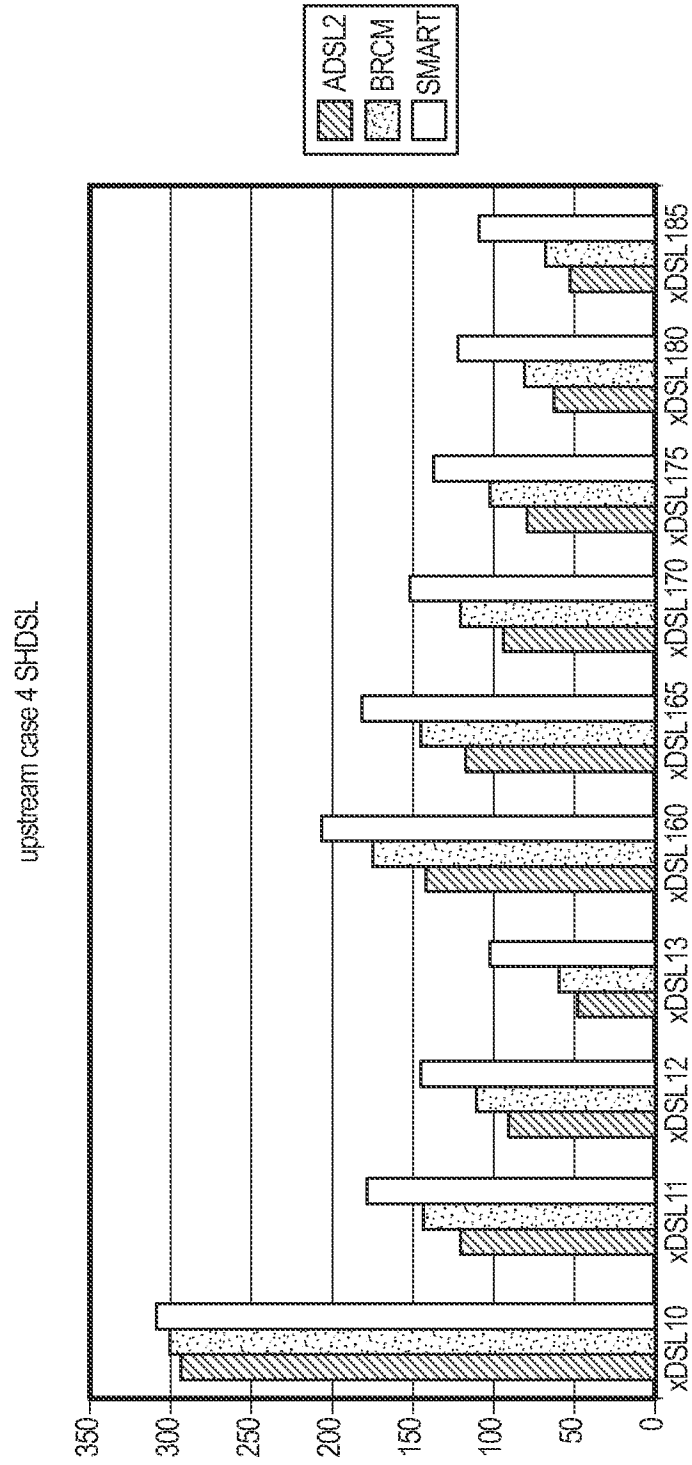
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Bar Chart, Upstream Rate, Noise case #3, ADSL2, M  
OJ-074, NON EC Smart LDSL

FIG. 6

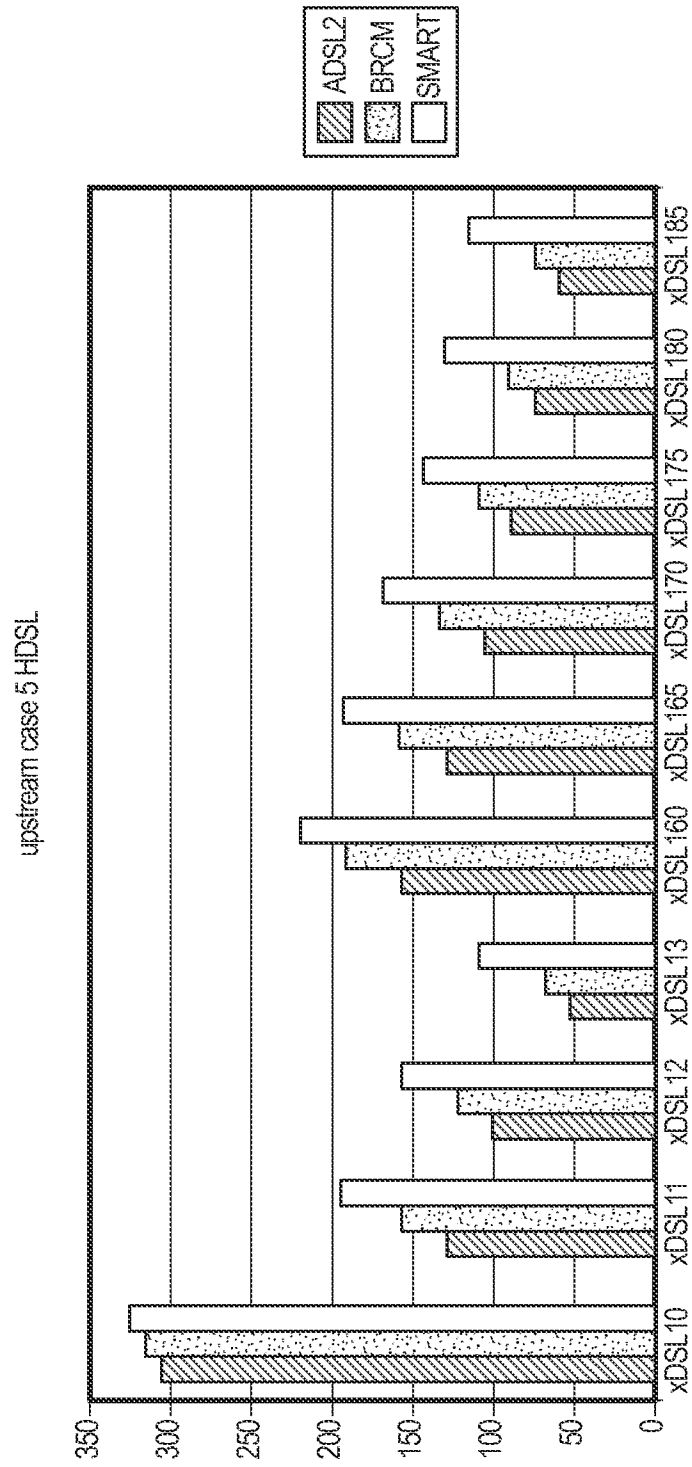
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Bar Chart, Upstream Rate, Noise case #4, ADSL2, M  
OJ-074, NON EC Smart LDSL

FIG. 7

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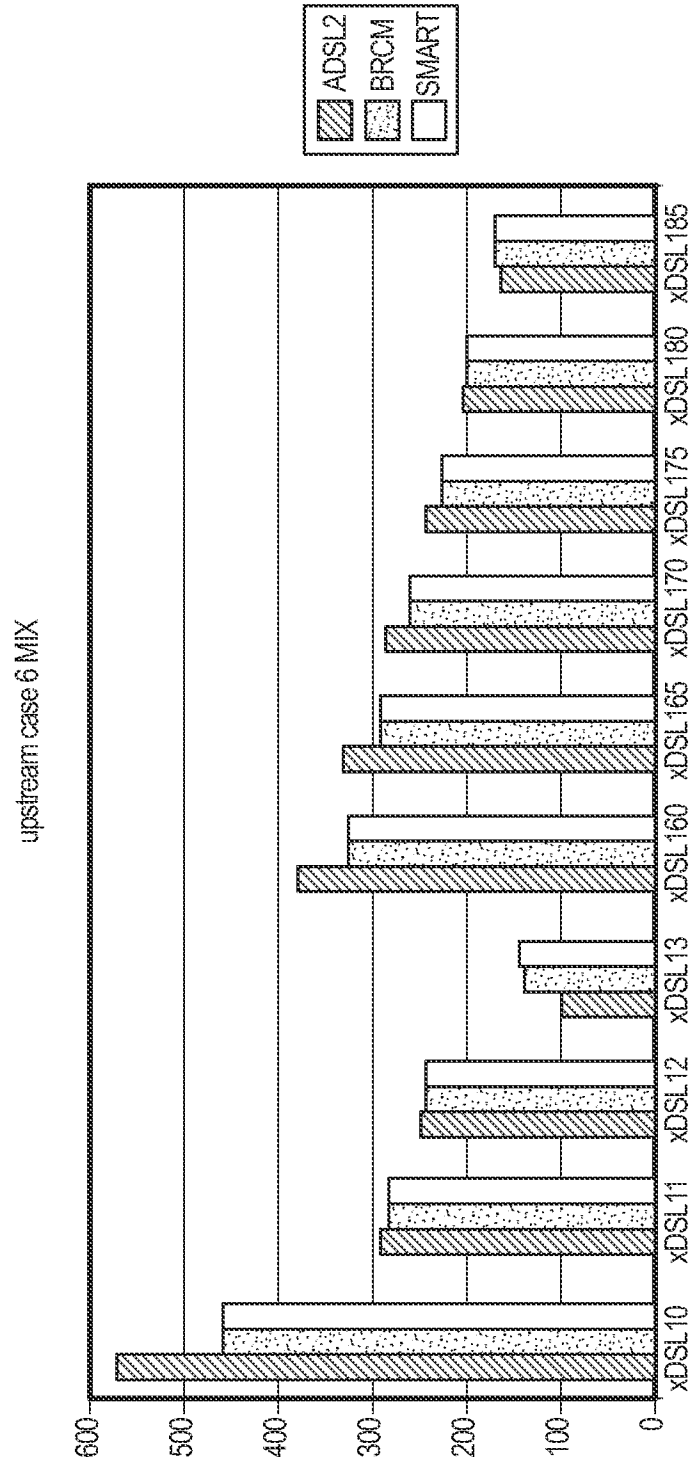


Bar Chart, Upstream Rate, Noise case #5, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 8**



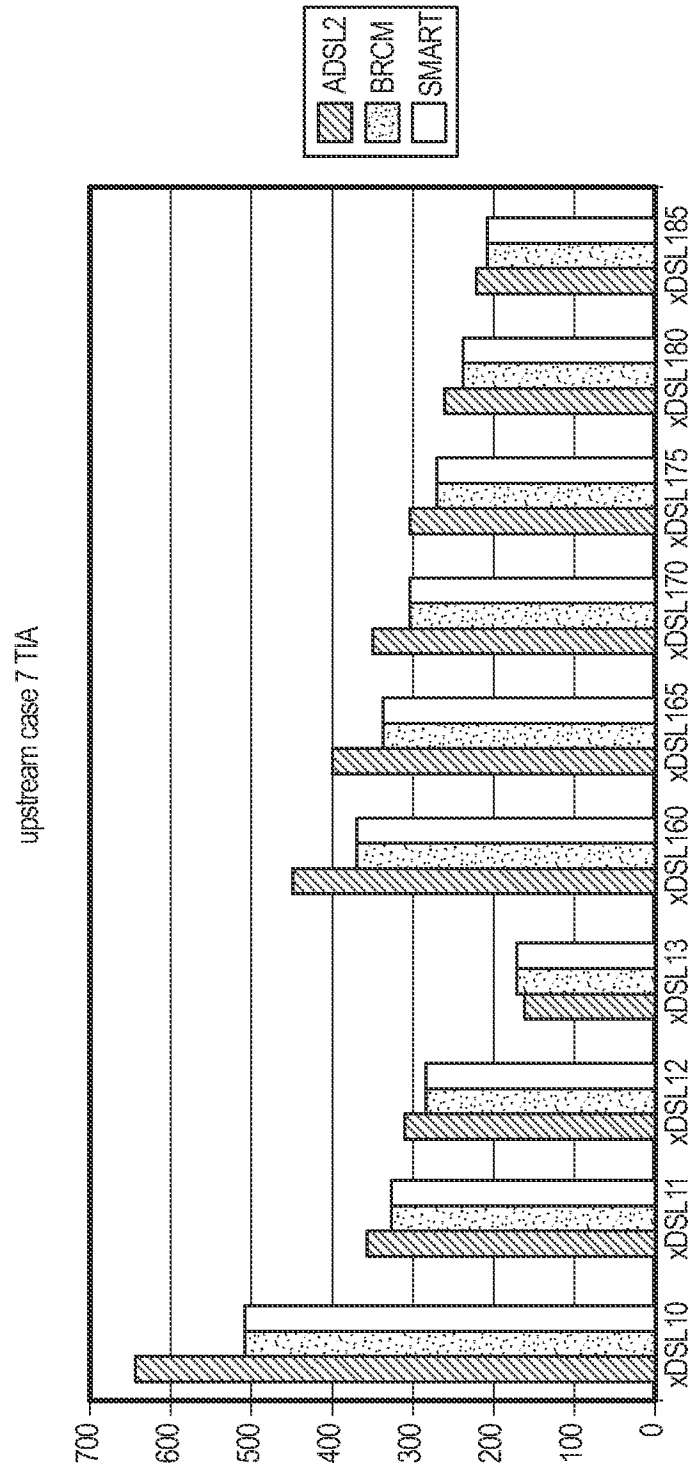
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Bar Chart, Upstream Rate, Noise case #6, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 9**

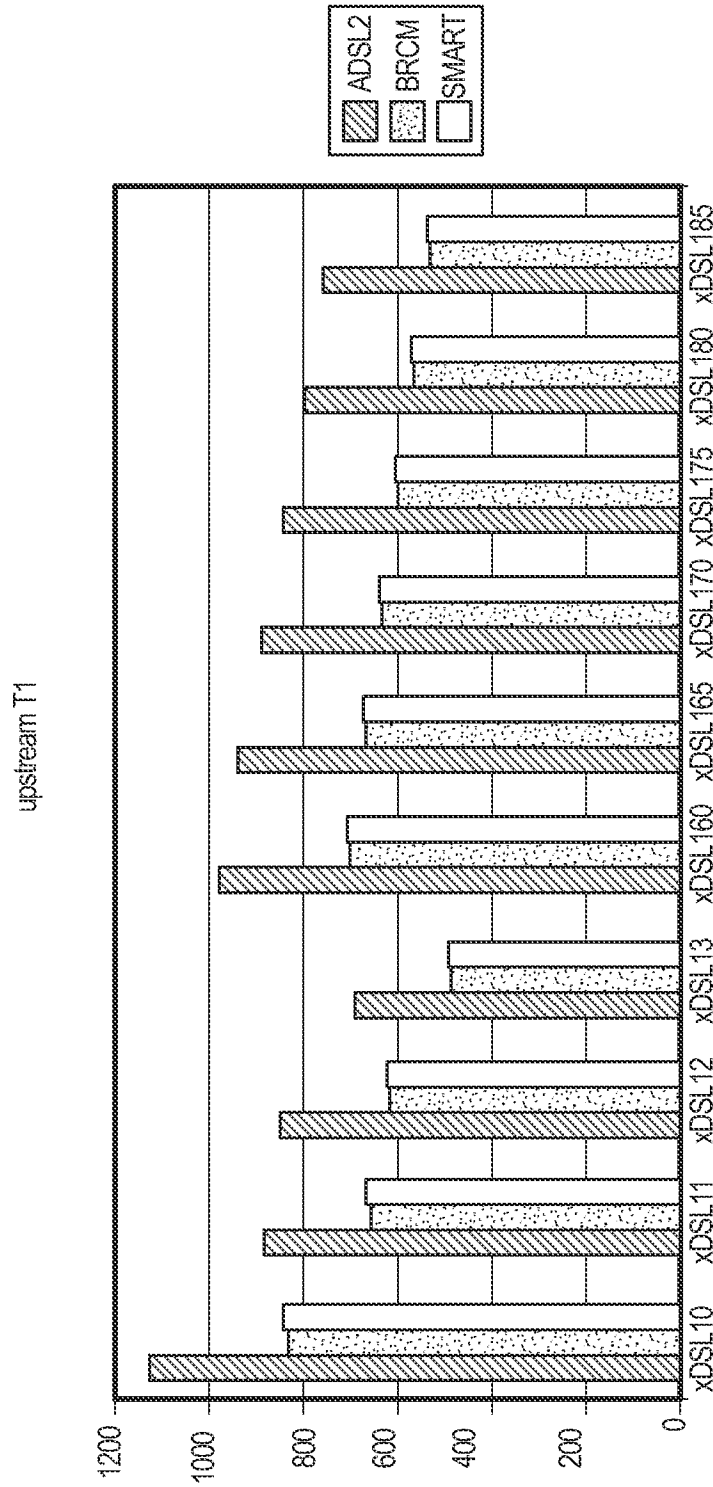
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Bar Chart, Upstream Rate, Noise case #7, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 10**

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Bar Chart, Upstream Rate, Noise case #T1, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 11**

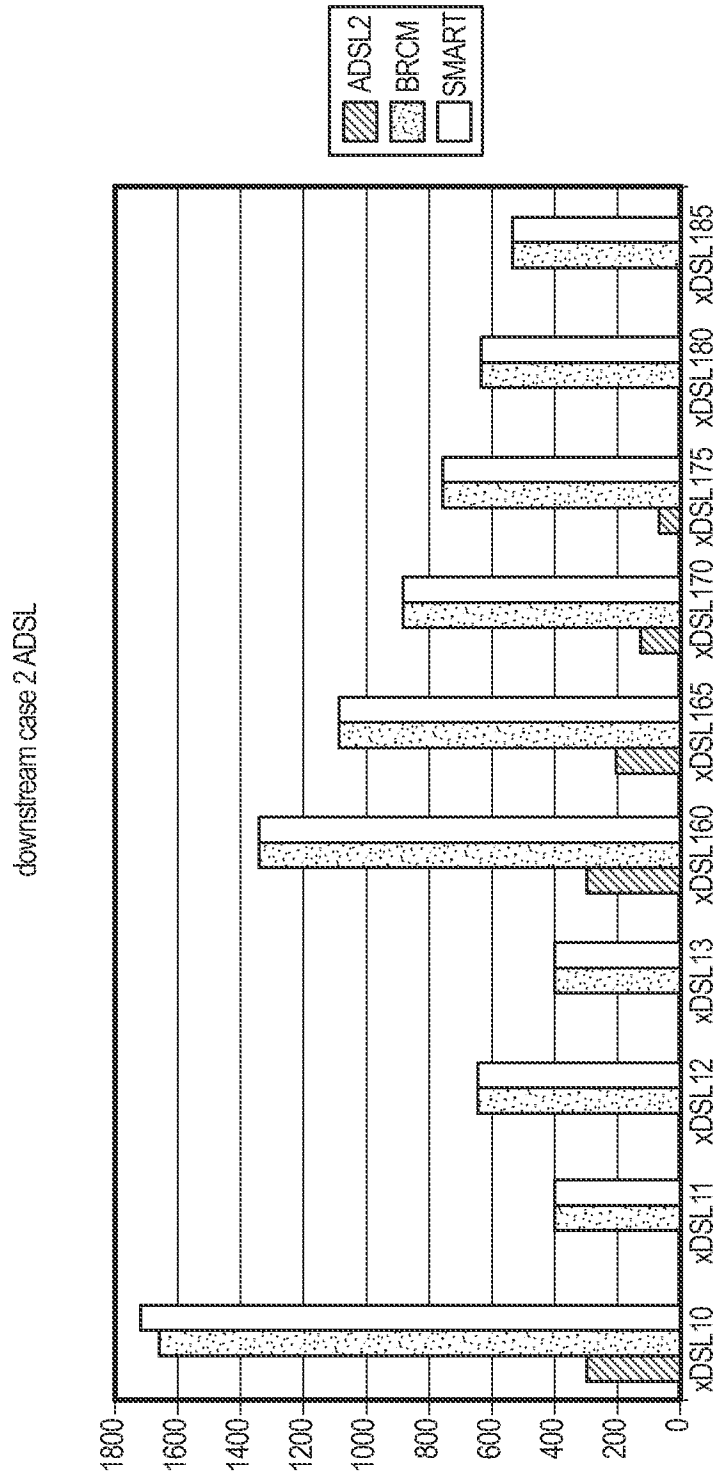
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Bar Chart, Downstream Rate, Noise case #1, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 12**

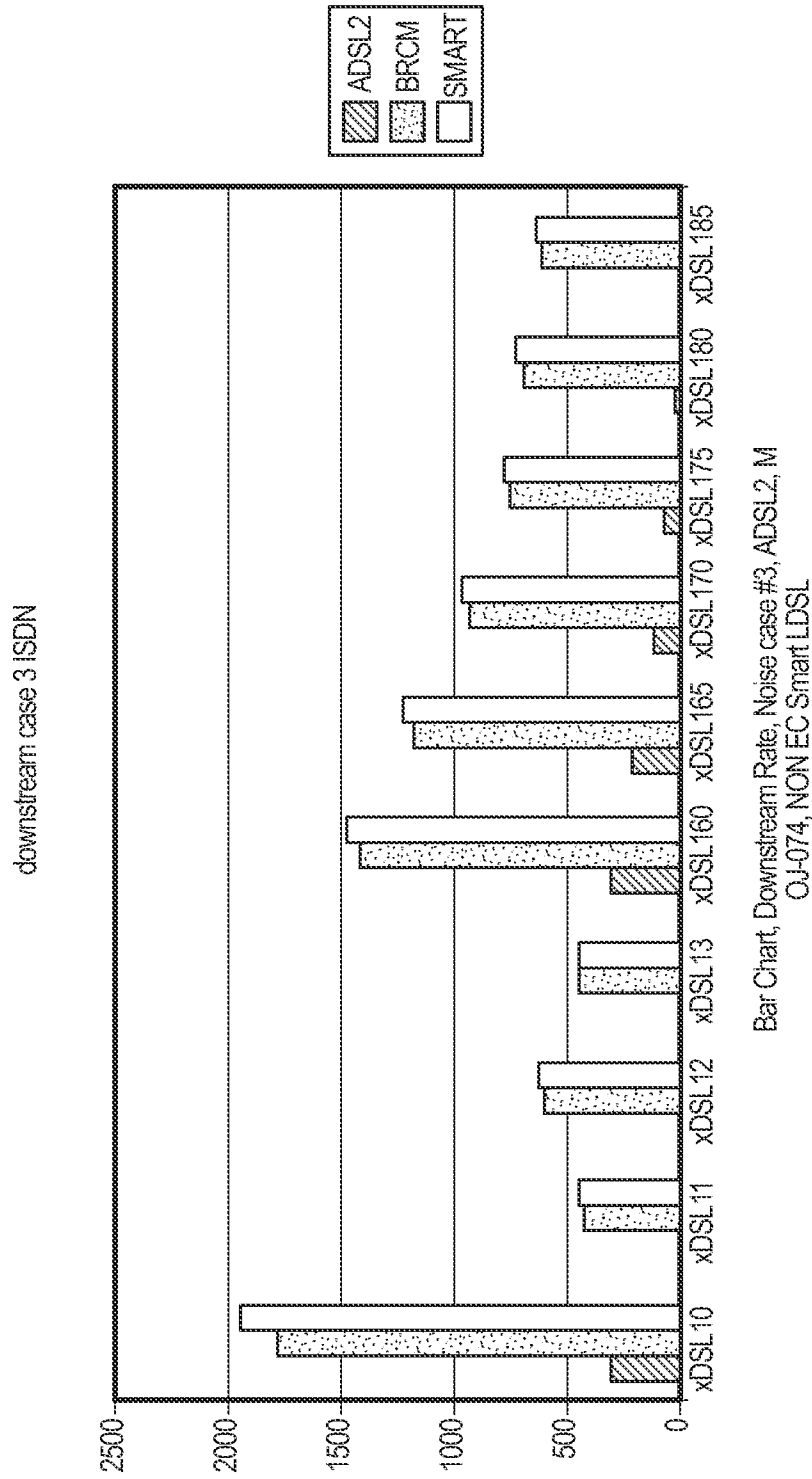
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Bar Chart, Downstream Rate, Noise case #2, ADSL2, M  
OJ-074, NON EC Smart LDSL

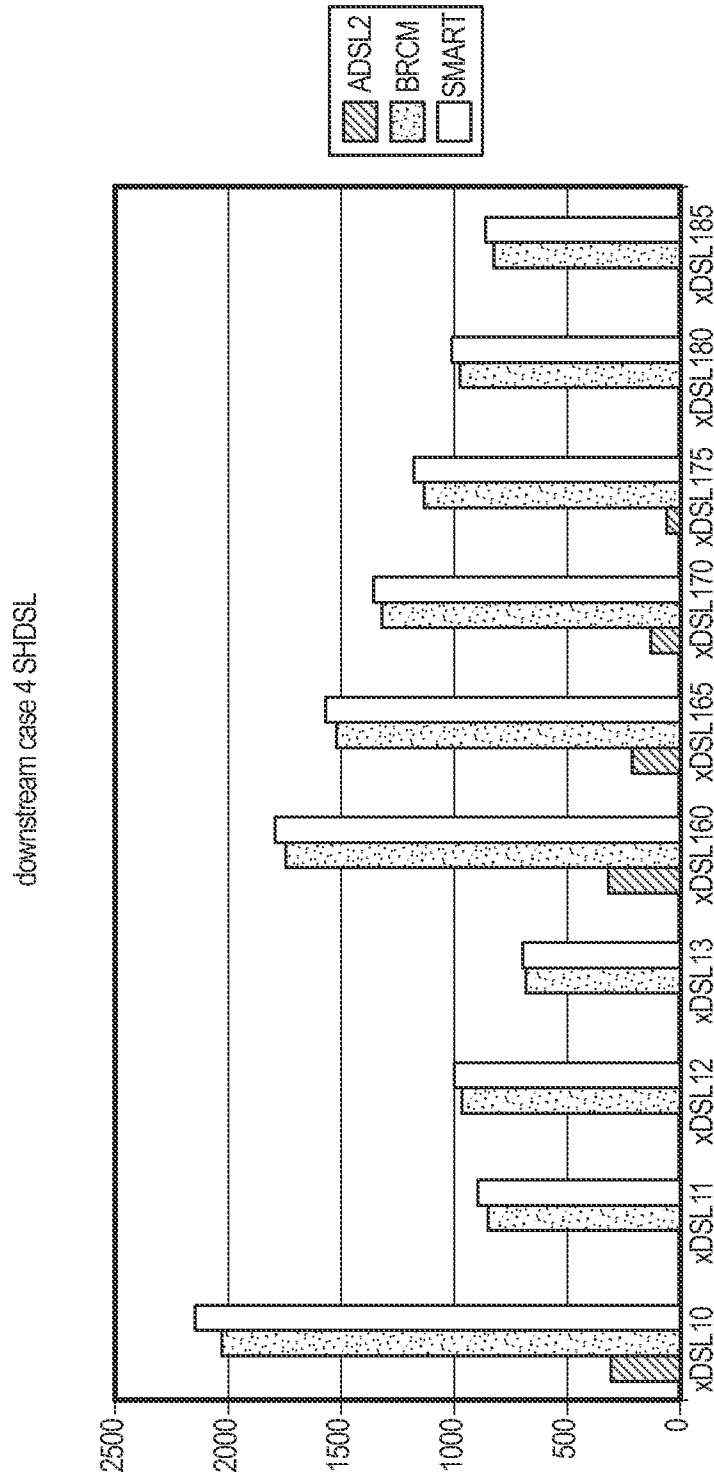
**FIG. 13**

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**FIG. 14**

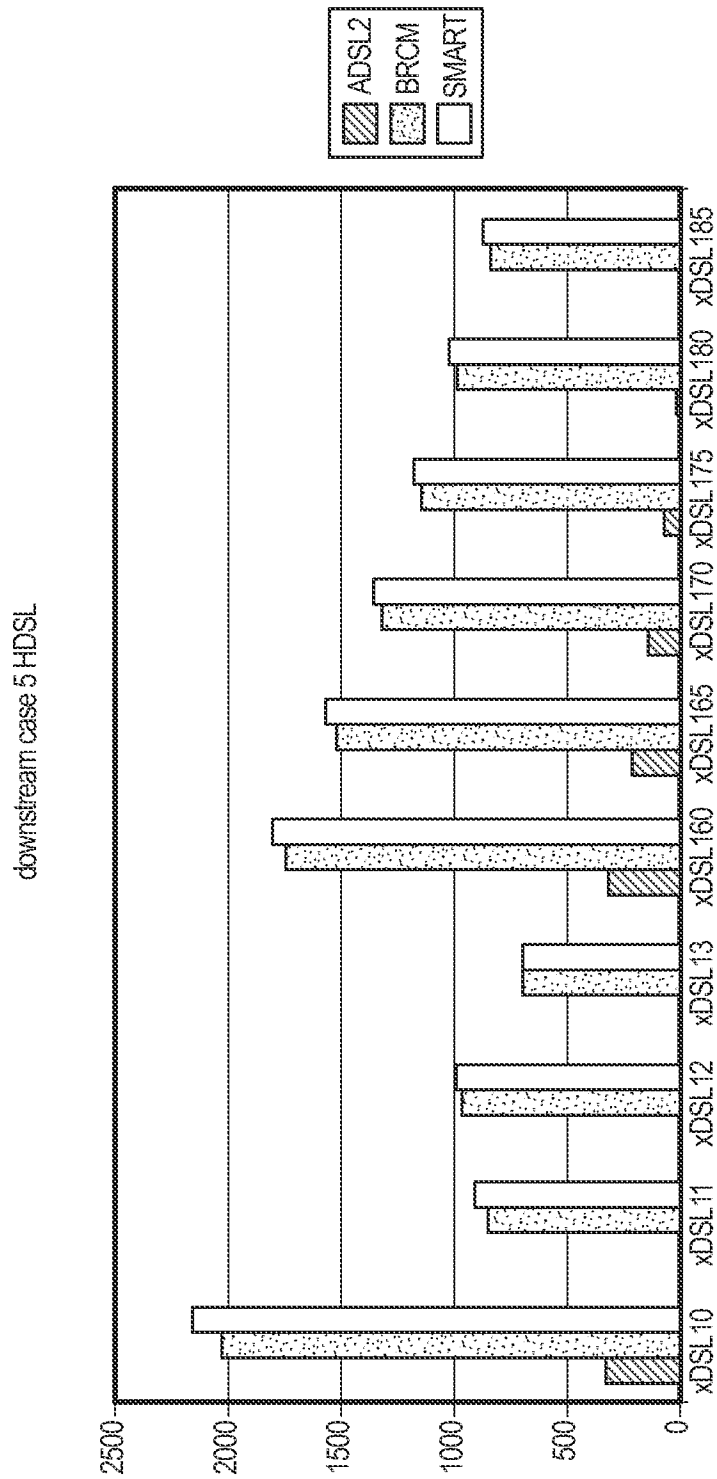
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Bar Chart, Downstream Rate, Noise case #4, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 15**

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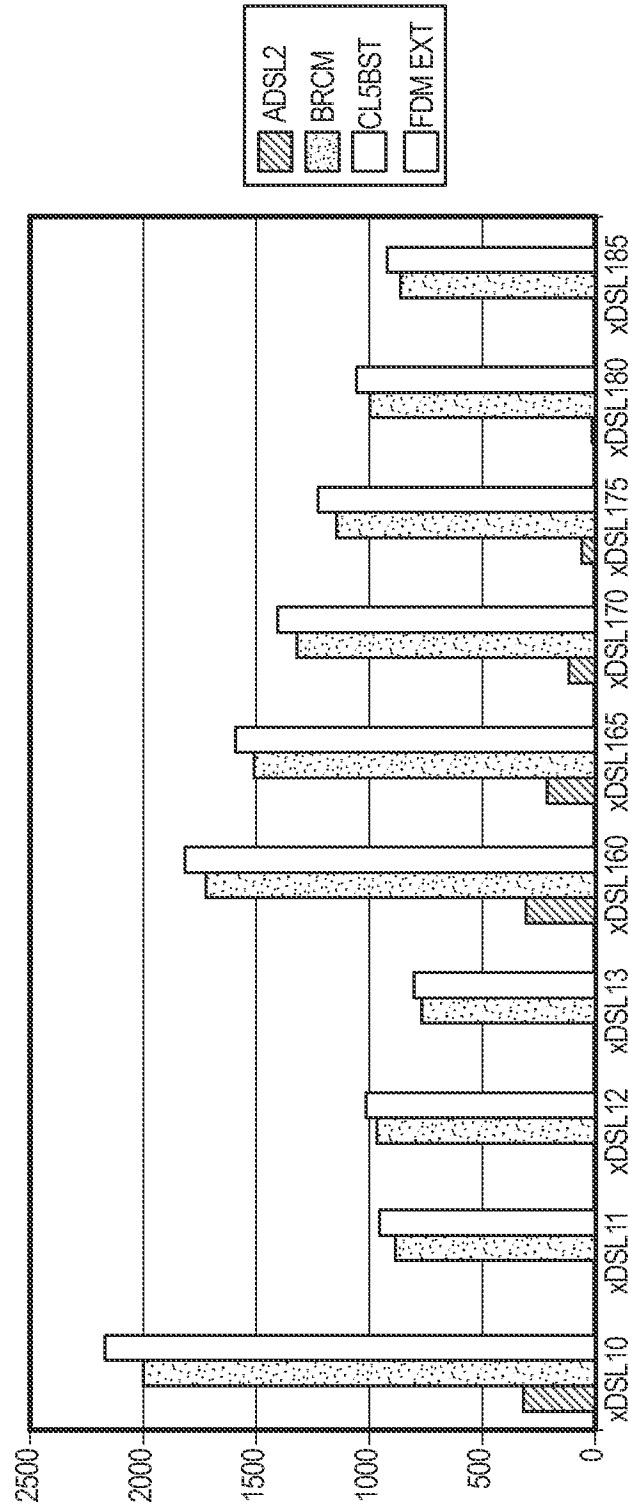
Bar Chart, Downstream Rate, Noise case #5, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 16**



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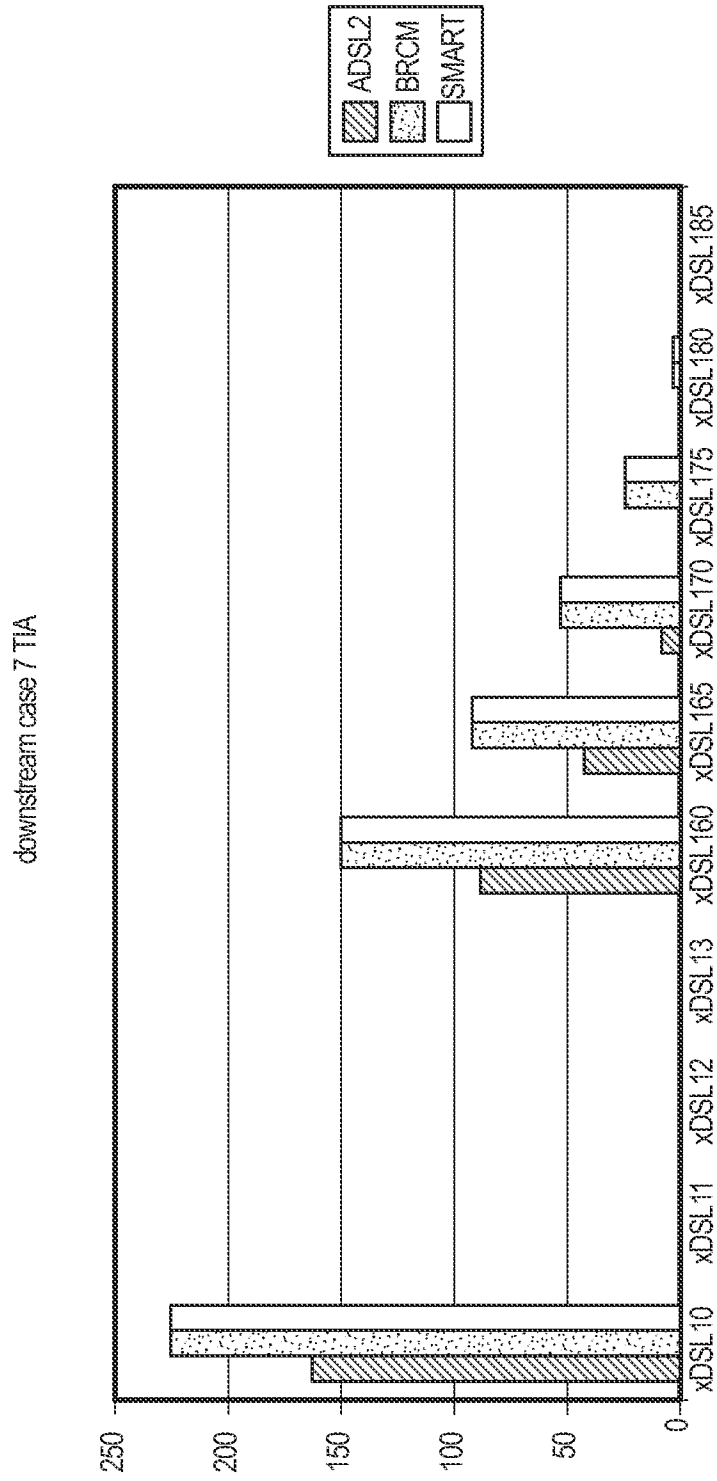
downstream case 6 MIX



Bar Chart, Downstream Rate, Noise case #6, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 17**

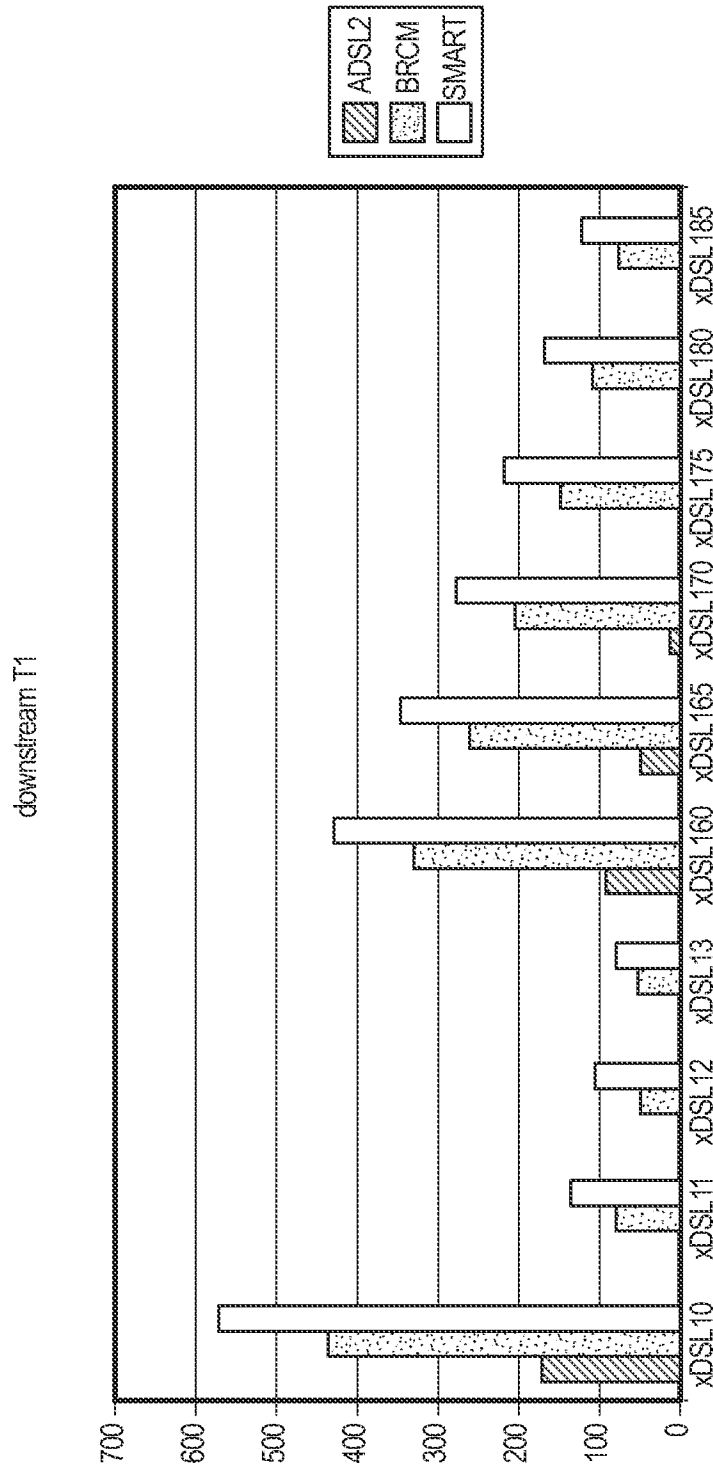
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Bar Chart, Downstream Rate, Noise case #7, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 18**

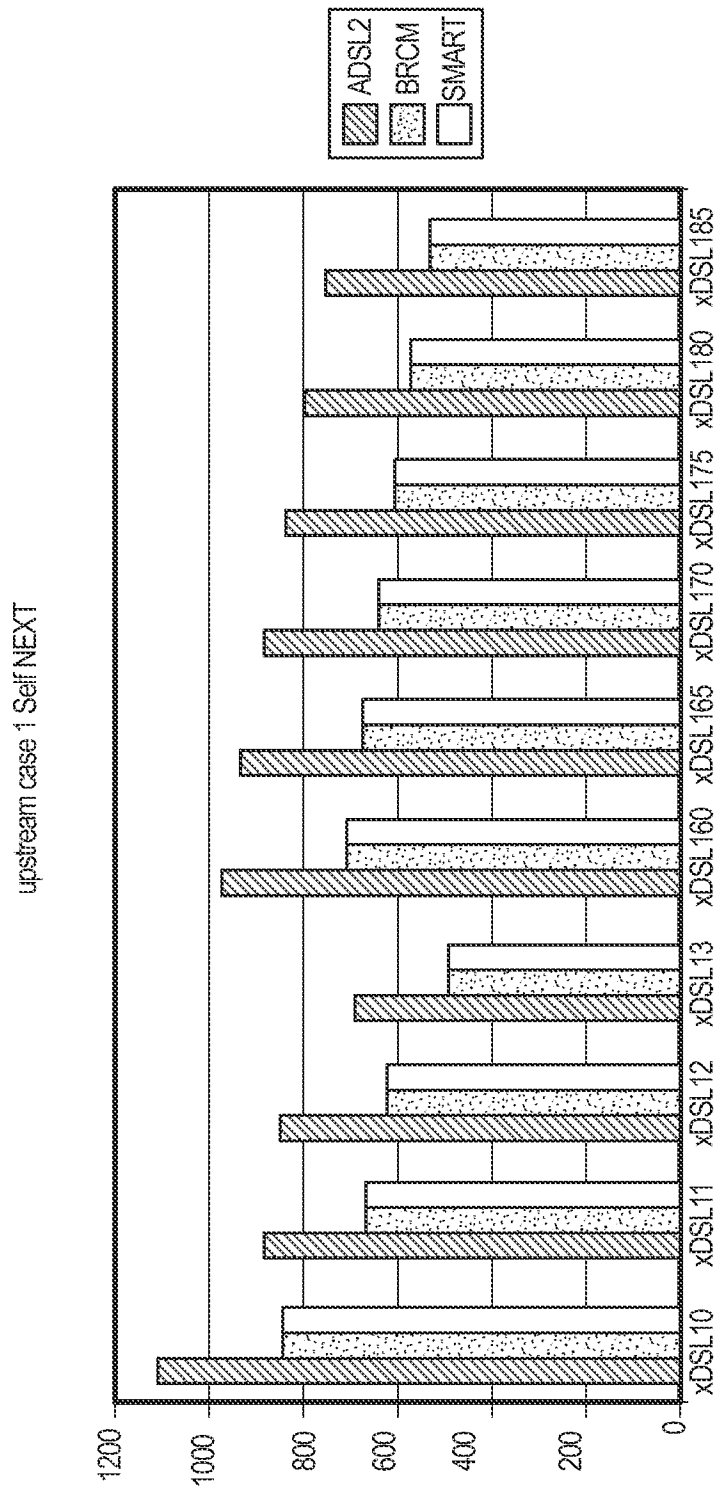
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Bar Chart, Downstream Rate, Noise case #T1, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 19**

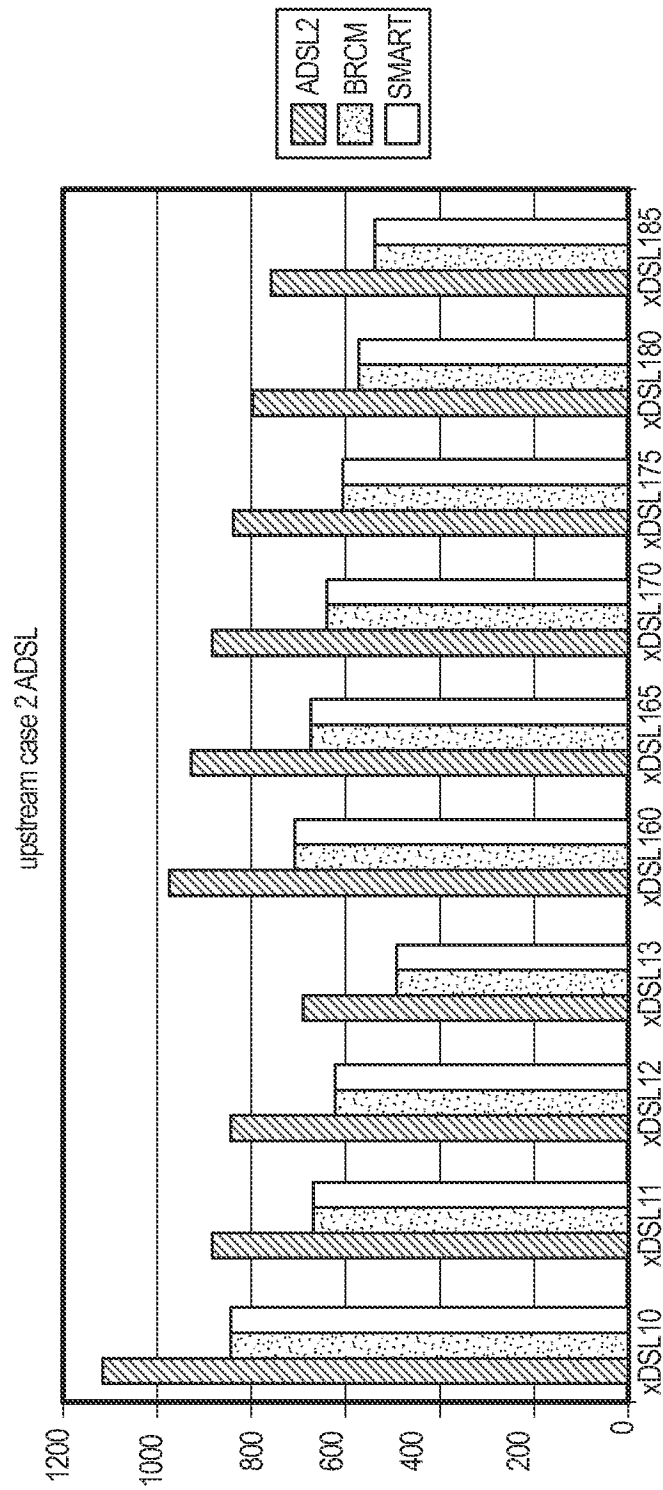
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Bar Chart, Upstream Rate, Noise case #1, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 20**

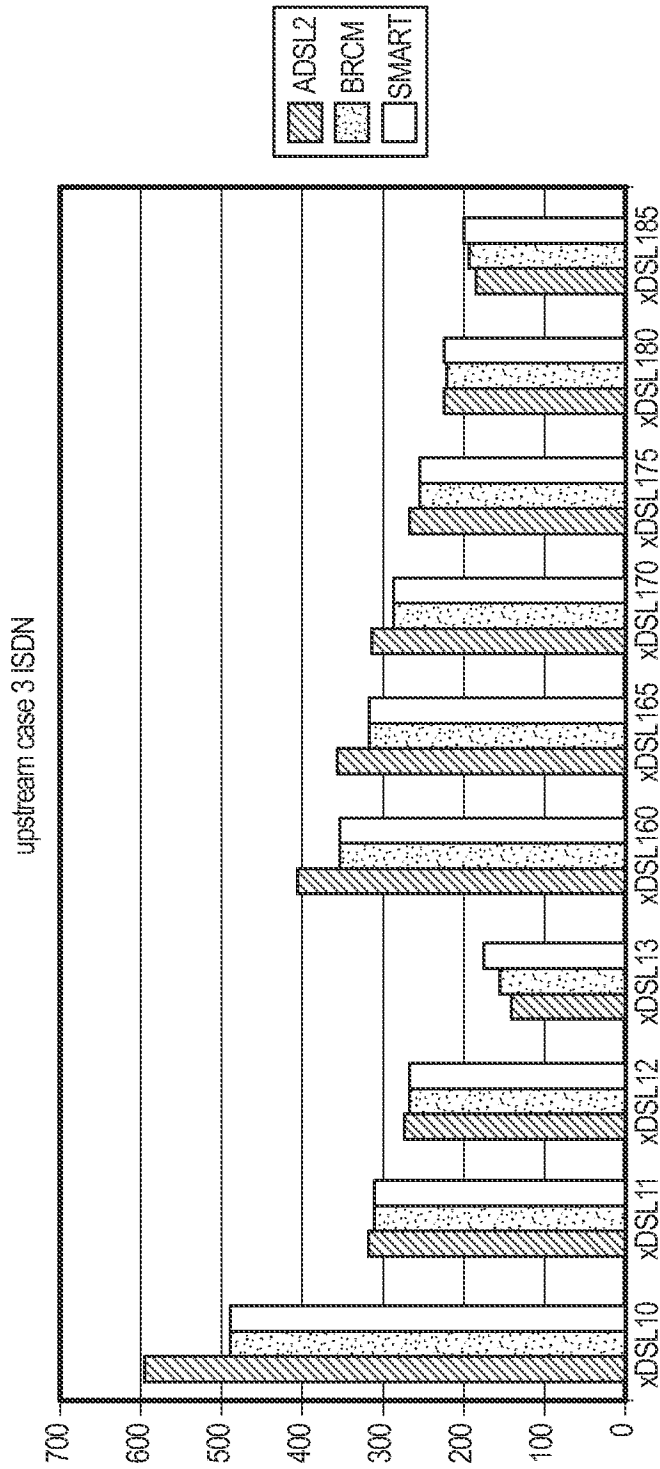
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Bar Chart, Upstream Rate, Noise case #2, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 21**

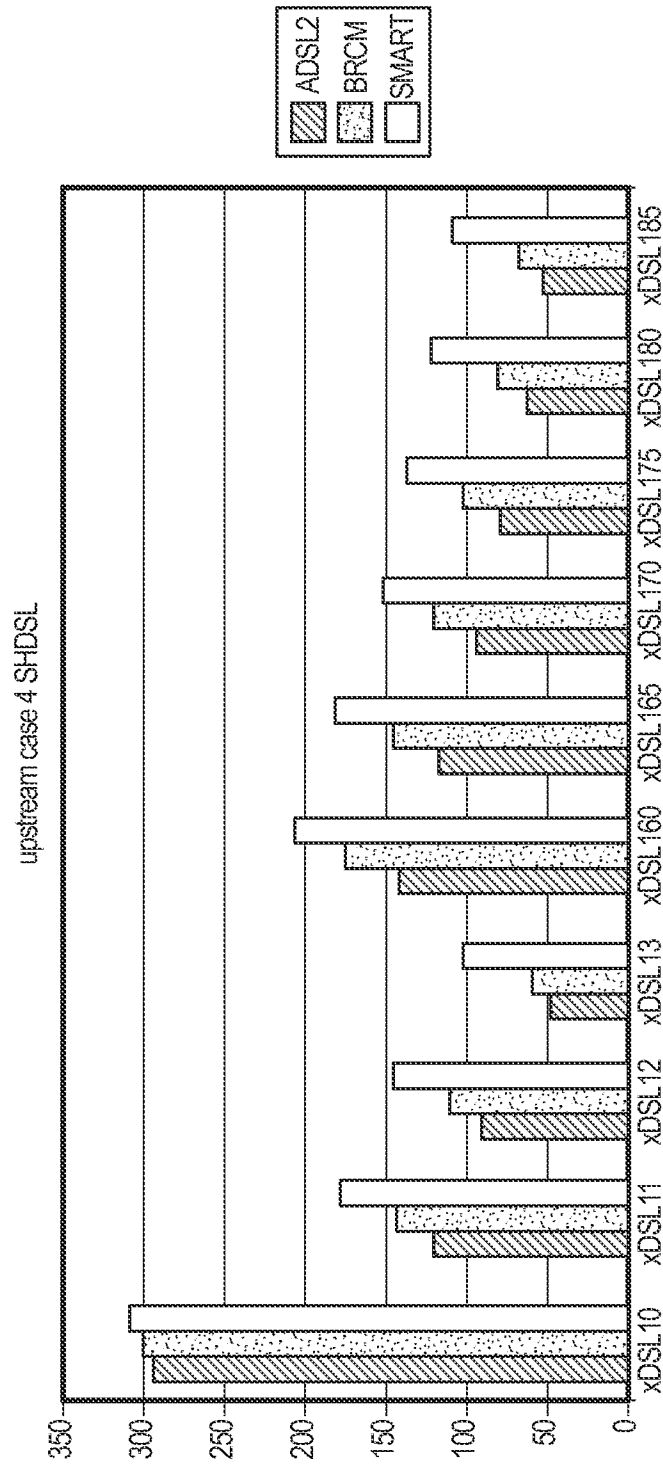
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Bar Chart, Upstream Rate, Noise case #3, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 22**

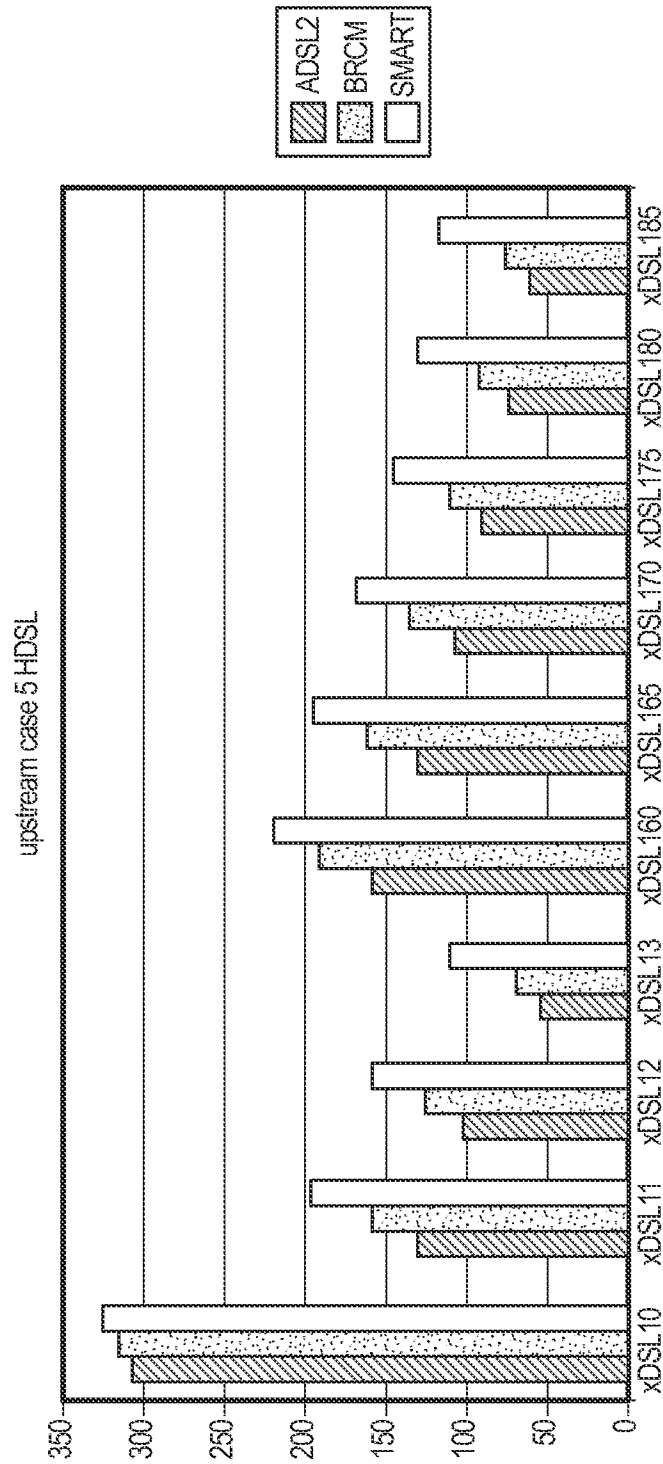
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Bar Chart, Upstream Rate, Noise case #4, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 23**

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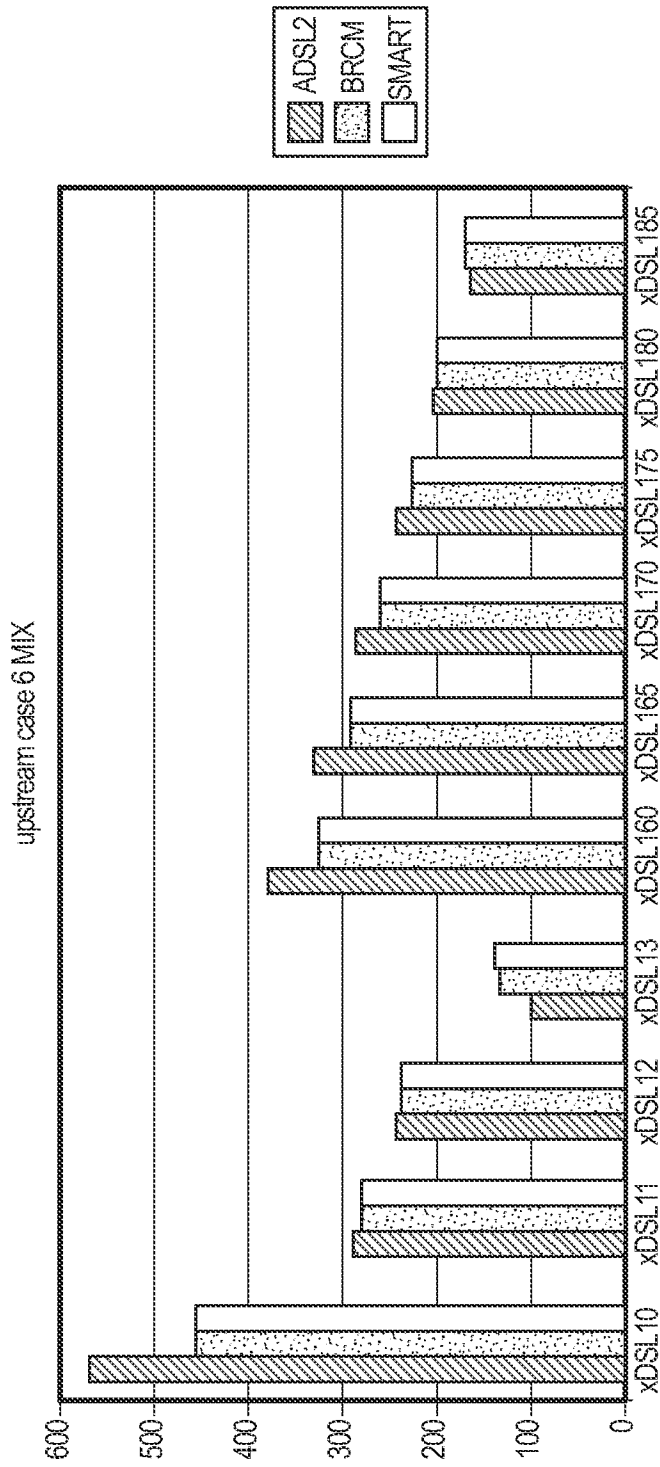


Bar Chart, Upstream Rate, Noise case #5, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 24**



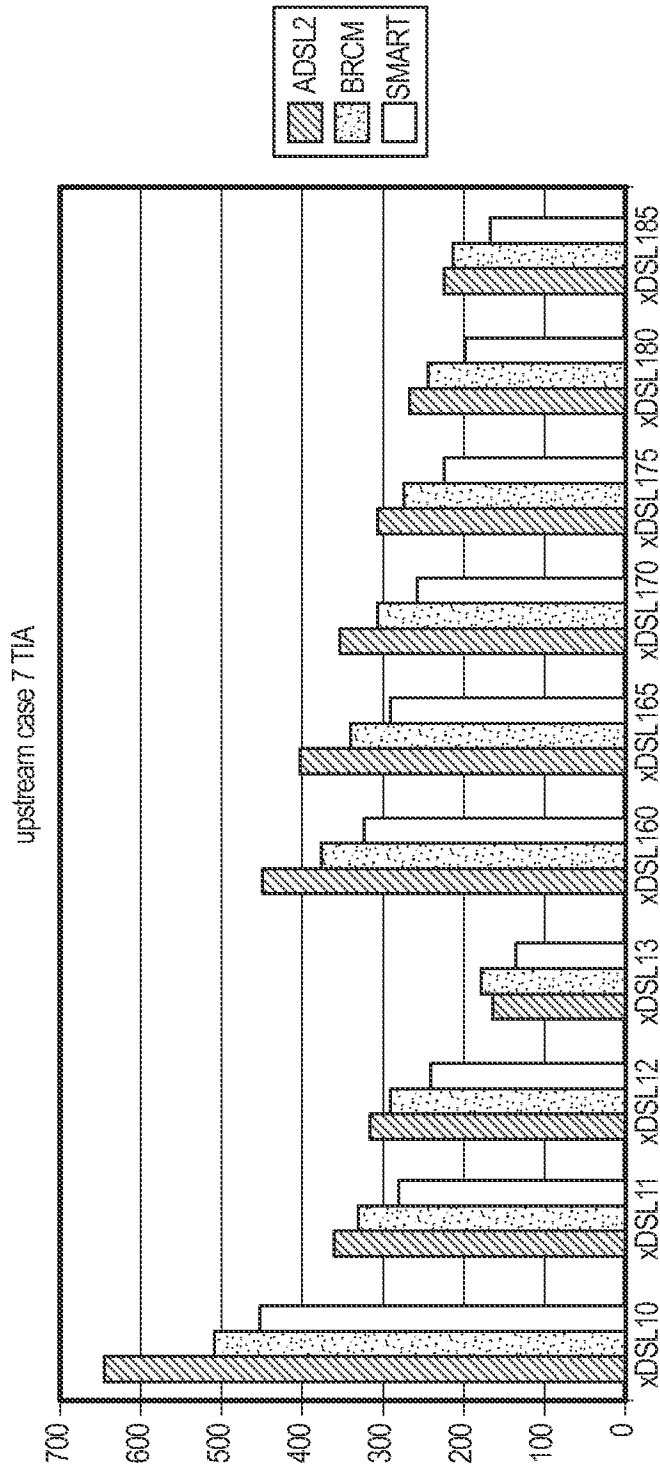
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Bar Chart, Upstream Rate, Noise case #6, ADSL2, M  
OJ-074, NON EC Smart LDSL

**FIG. 25**

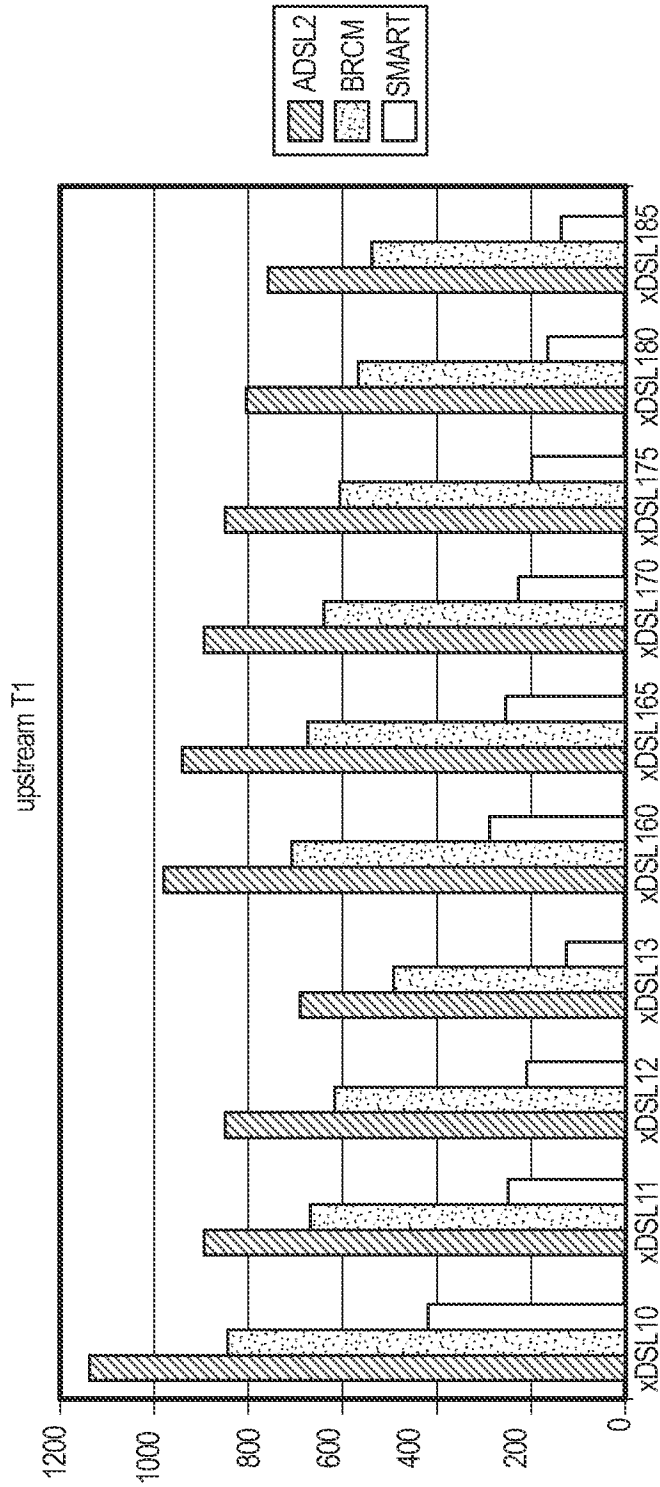
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Bar Chart, Upstream Rate, Noise case #7, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 26**

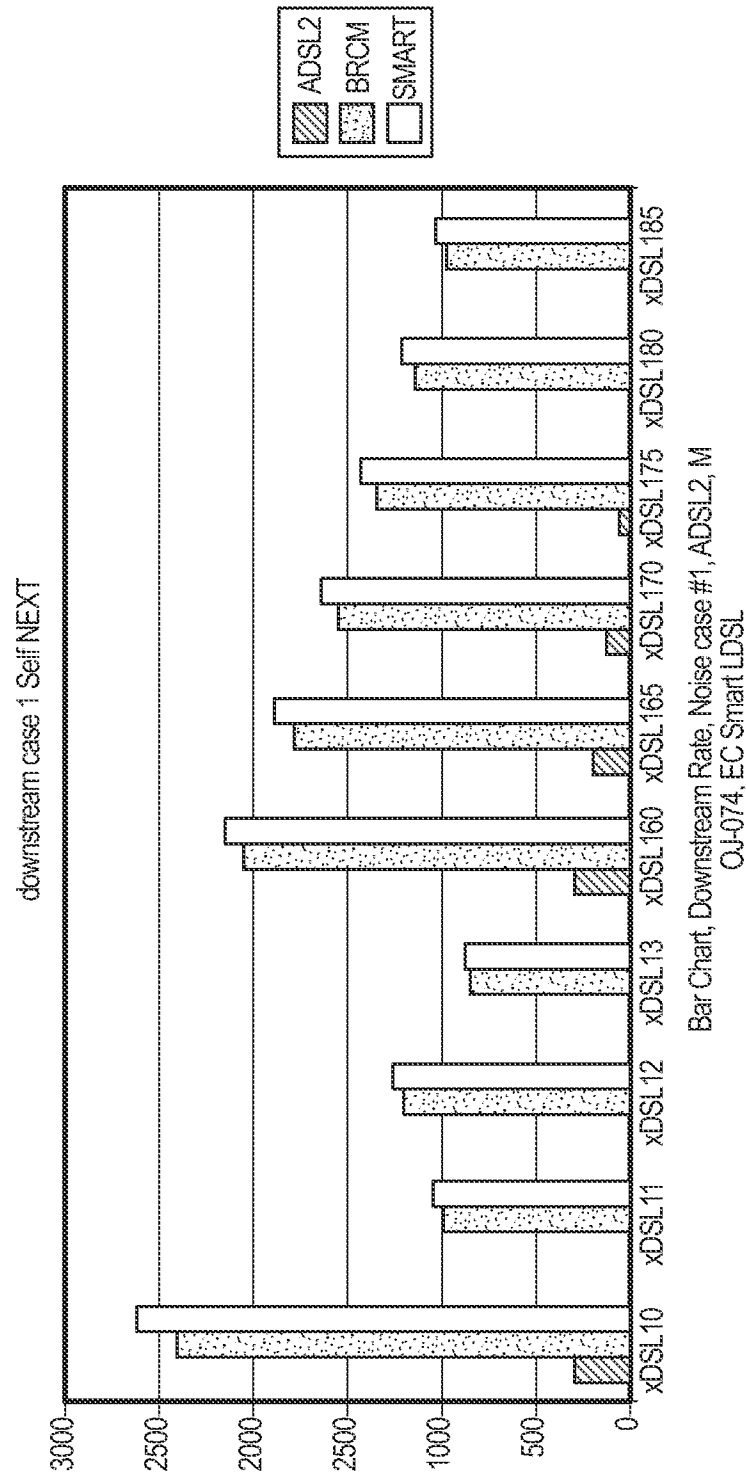
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Bar Chart, Upstream Rate, Noise case #T1, ADSL2, M  
OJ-074, EC Smart LDSL

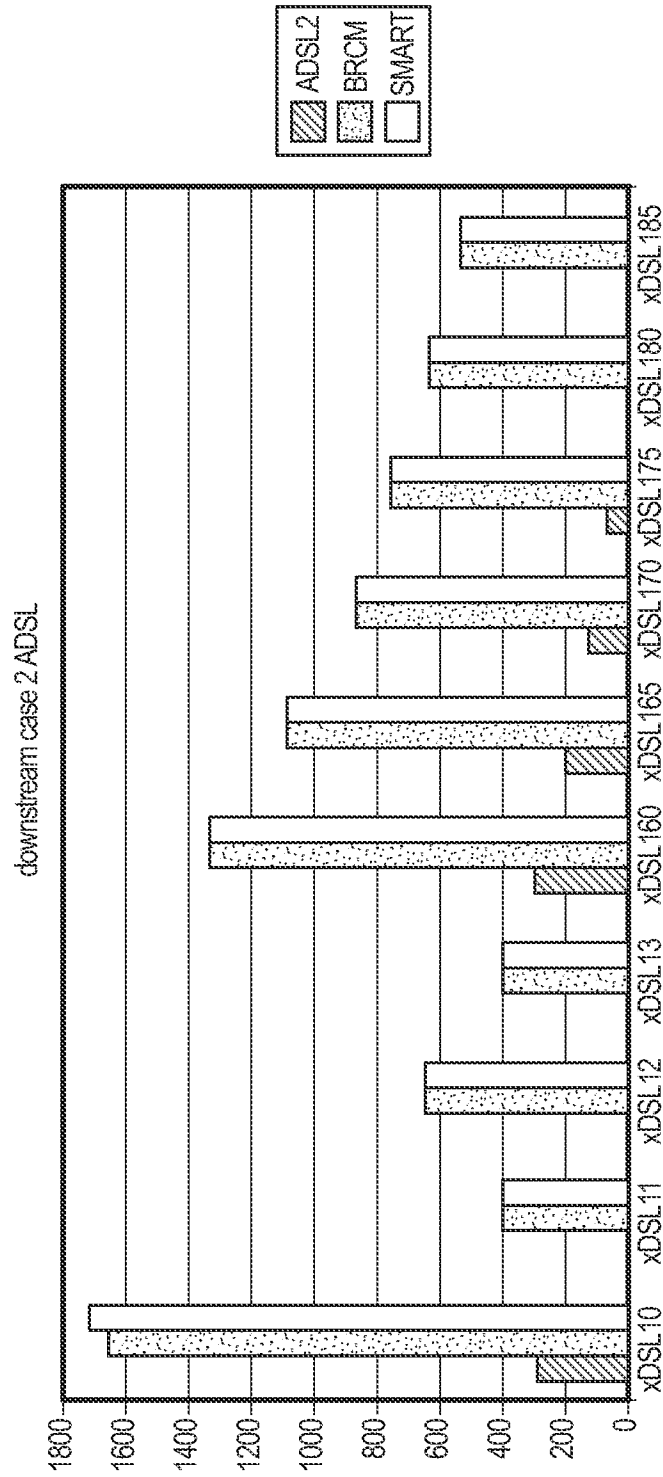
**FIG. 27**

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**FIG. 28**

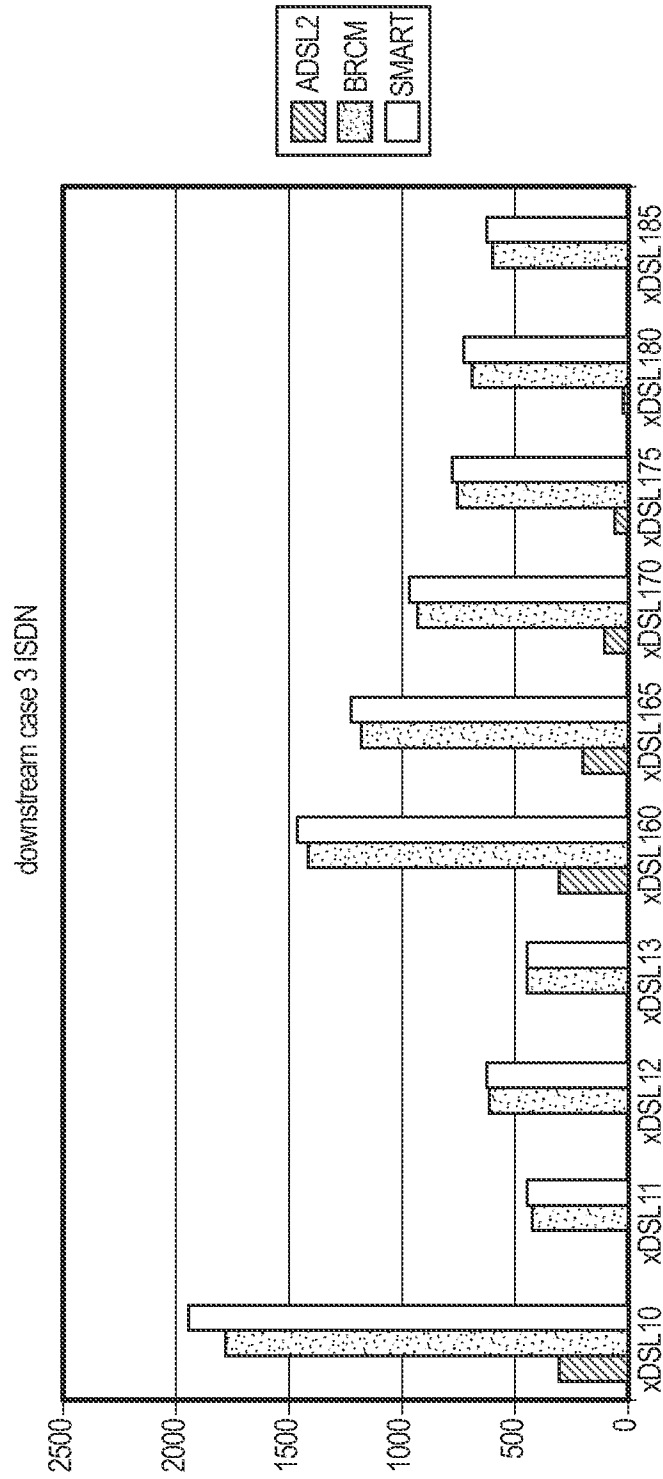
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Bar Chart, Downstream Rate, Noise case #2, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 29**

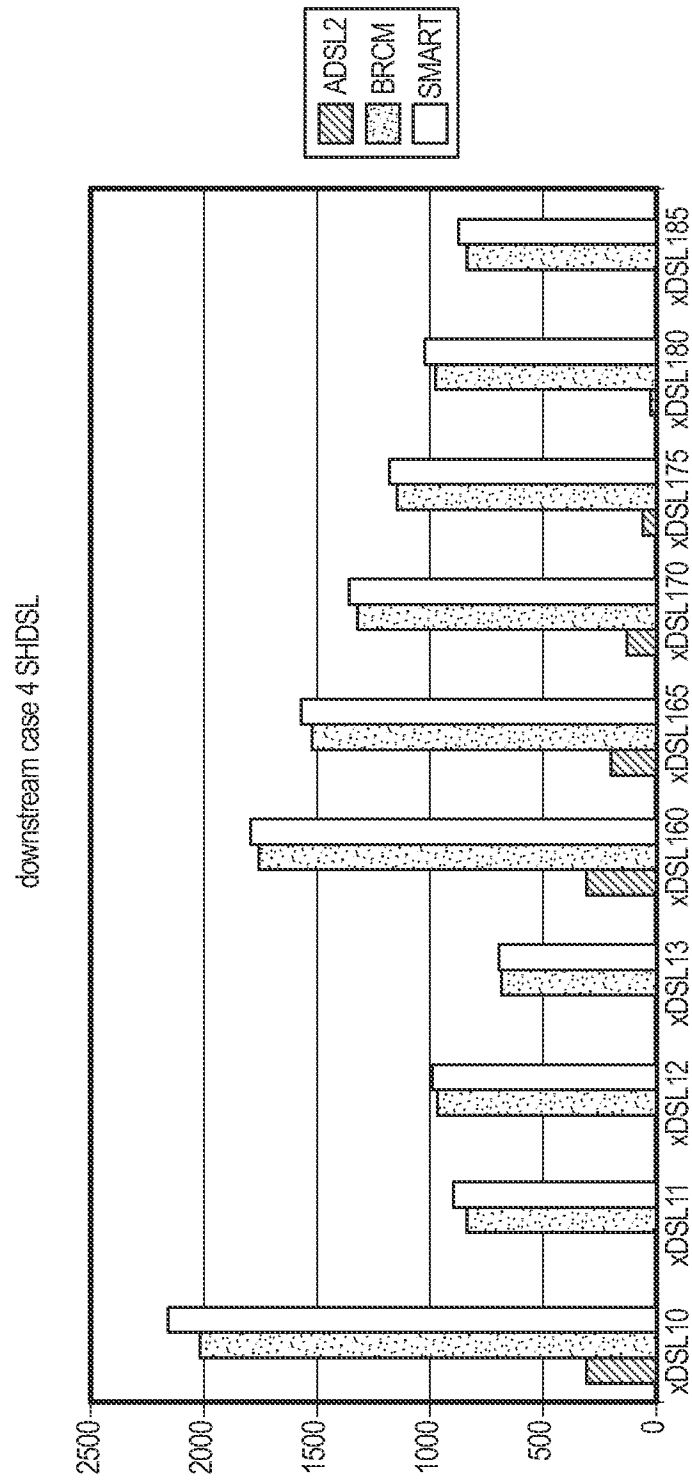
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Bar Chart, Downstream Rate, Noise case #3, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 30**

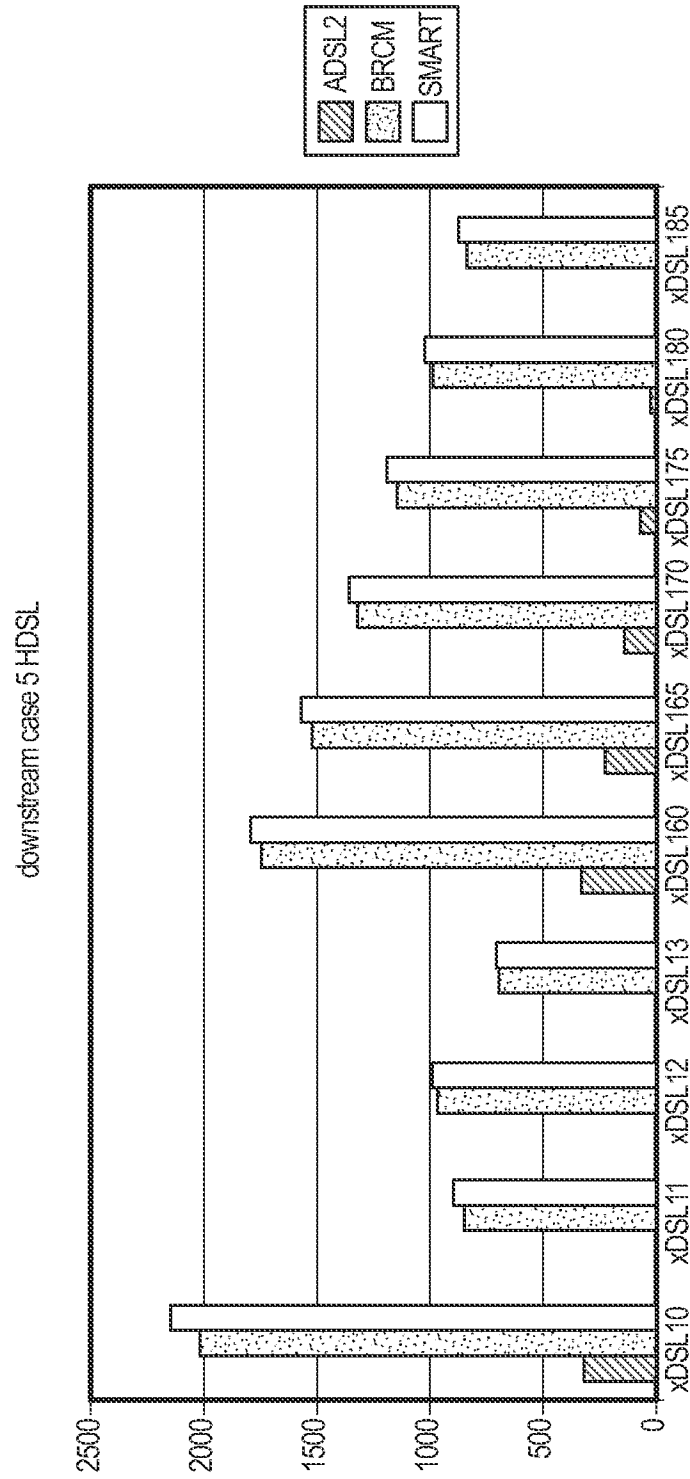
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Bar Chart, Downstream Rate, Noise case #4, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 31**

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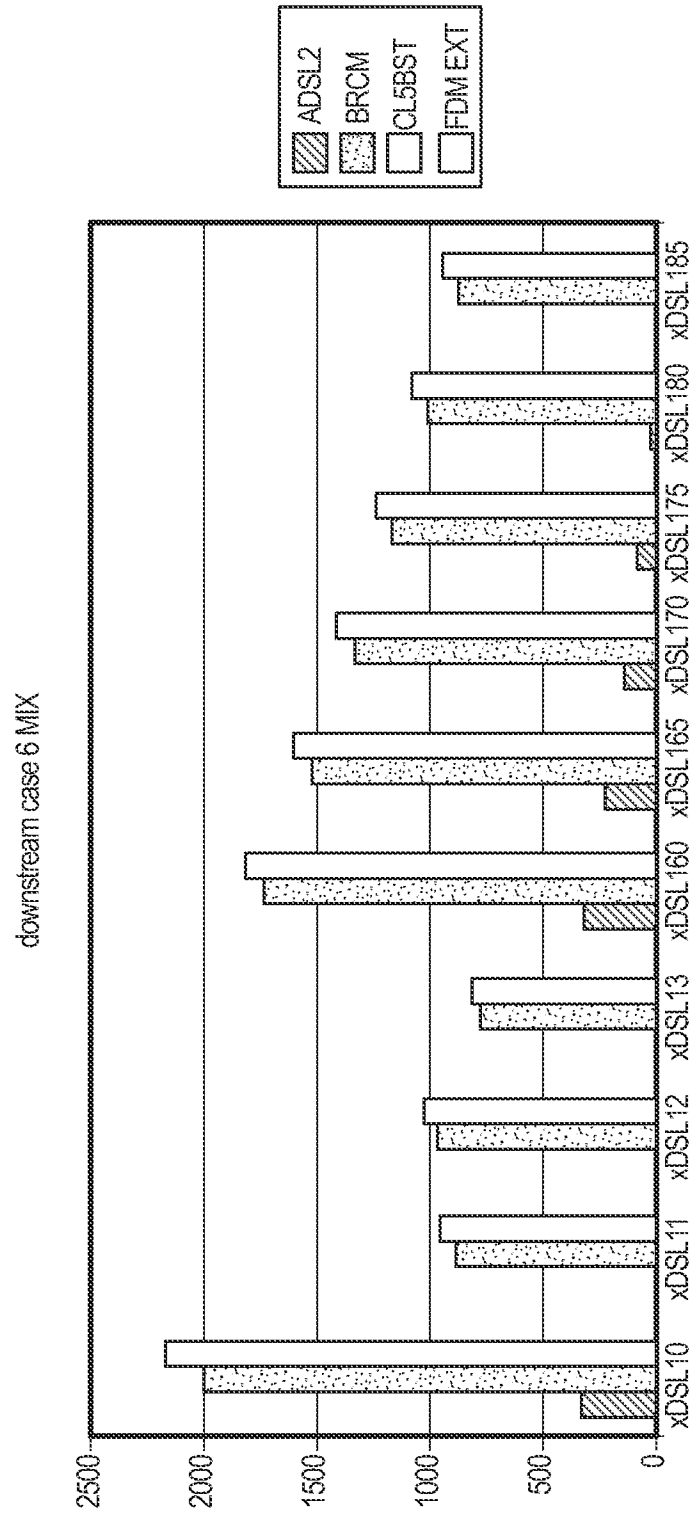


Bar Chart, Downstream Rate, Noise case #5, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 32**



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Bar Chart, Downstream Rate, Noise case #6, ADSL2, M  
OJ-074, EC Smart LDSL

FIG. 33

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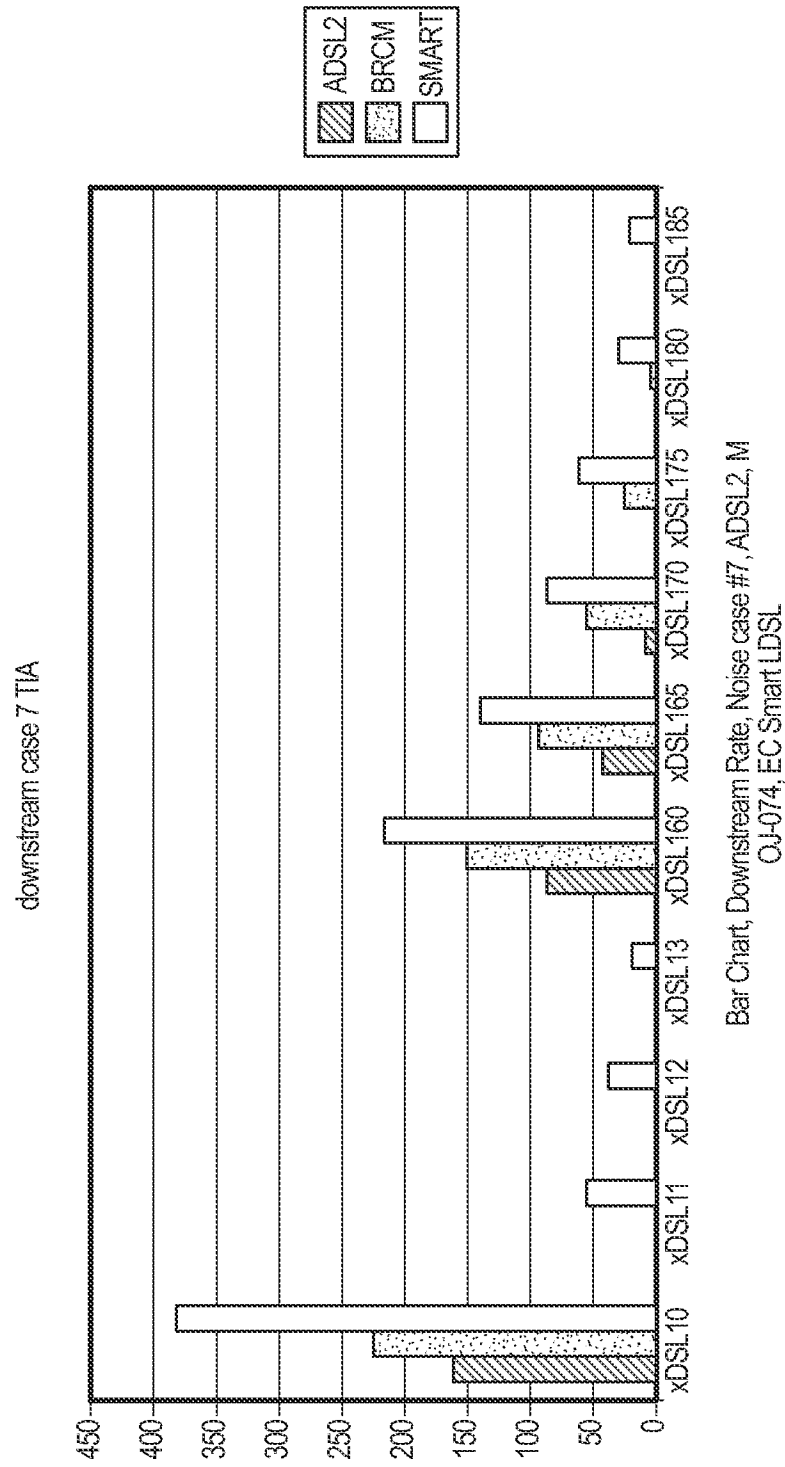
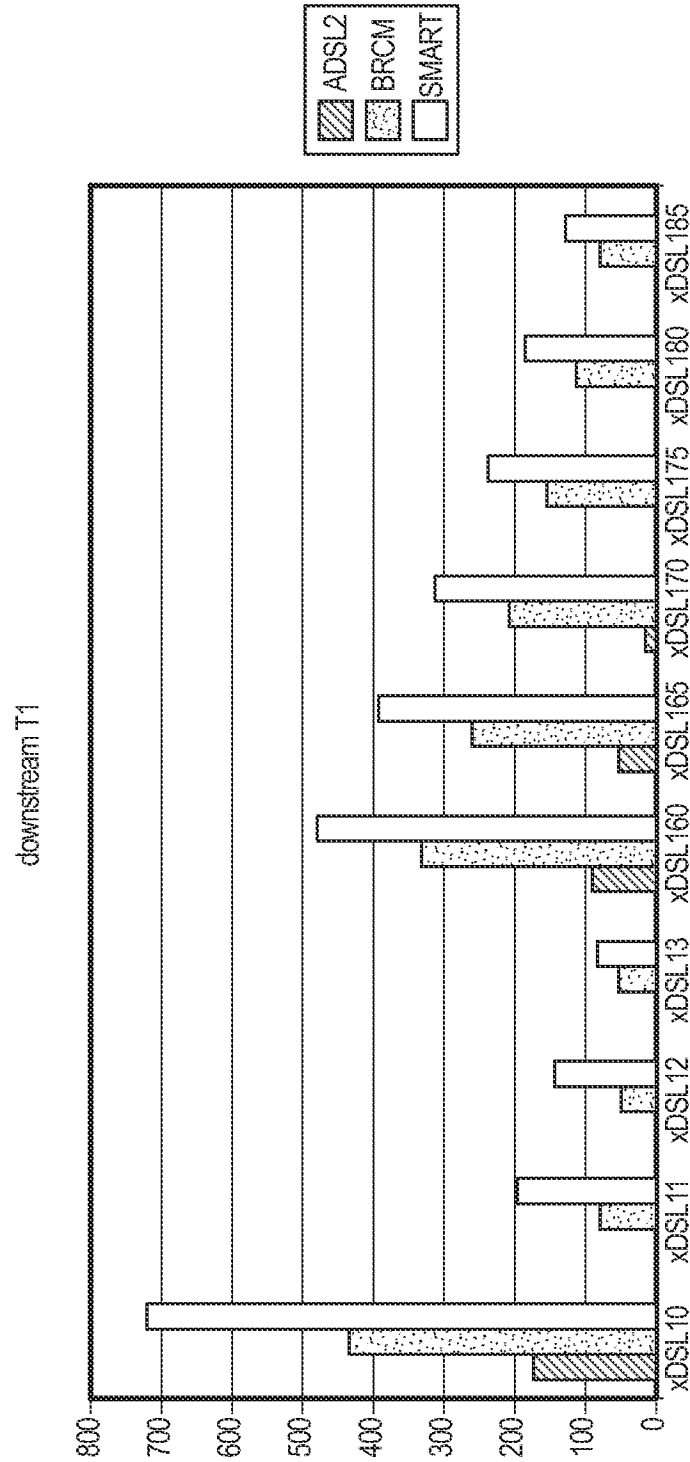


FIG. 34

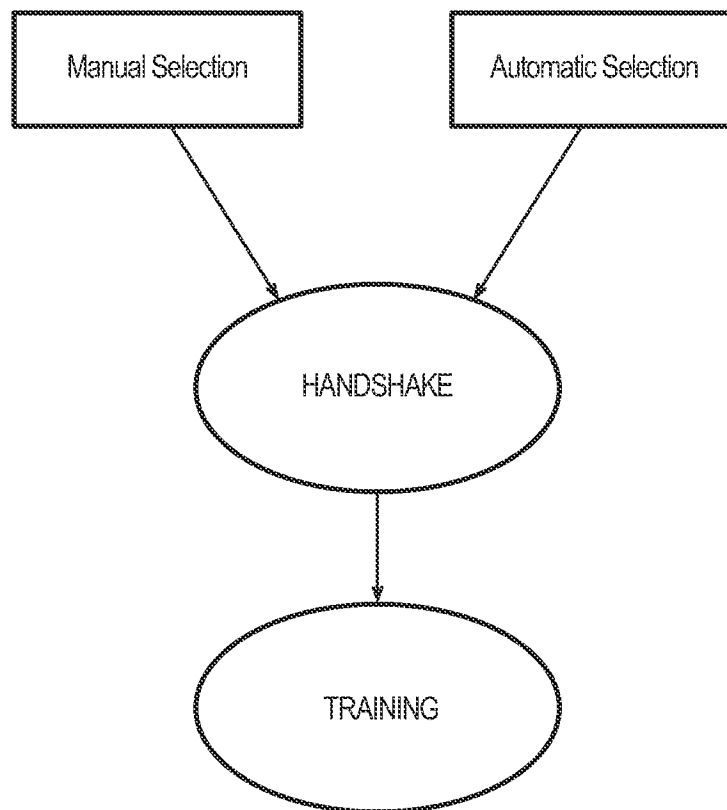
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Bar Chart, Downstream Rate, Noise case #T1, ADSL2, M  
OJ-074, EC Smart LDSL

**FIG. 35**

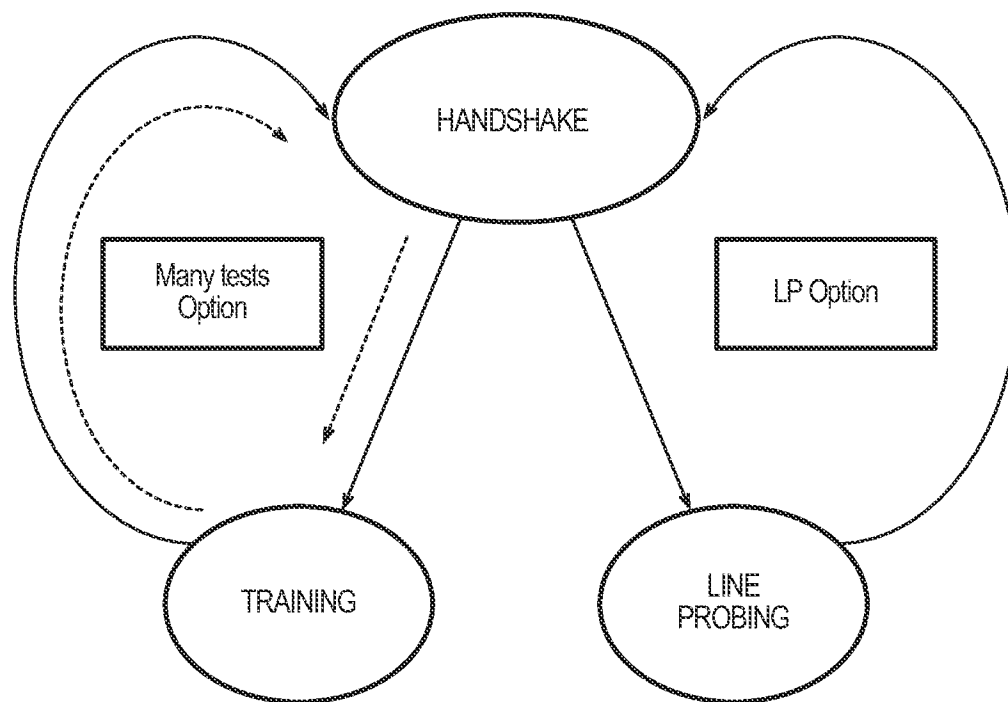
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Two smart system selection modes: Manual and Automatic

**FIG. 36**

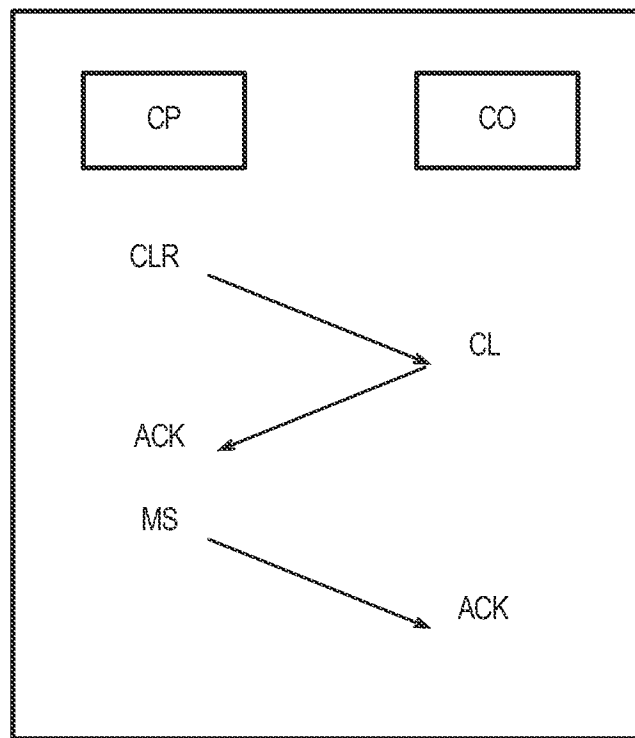
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Two options to automatically select a pair of masks in a smart DSL system

FIG. 37

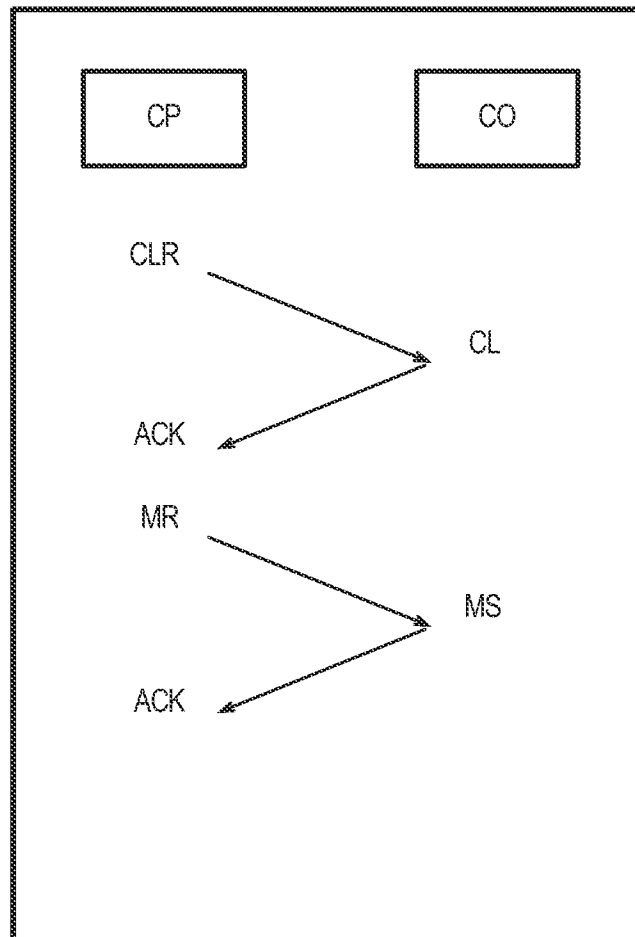
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"CP decides" sequence based on G.992.3

**FIG. 38**

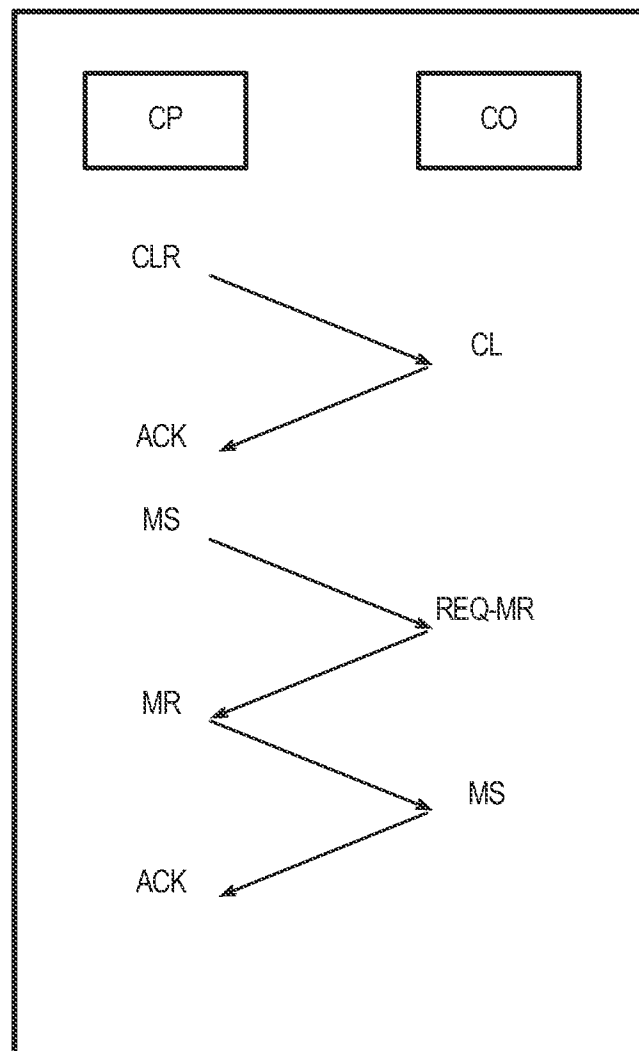
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"CO decides" sequence based on G.992.3

**FIG. 39**

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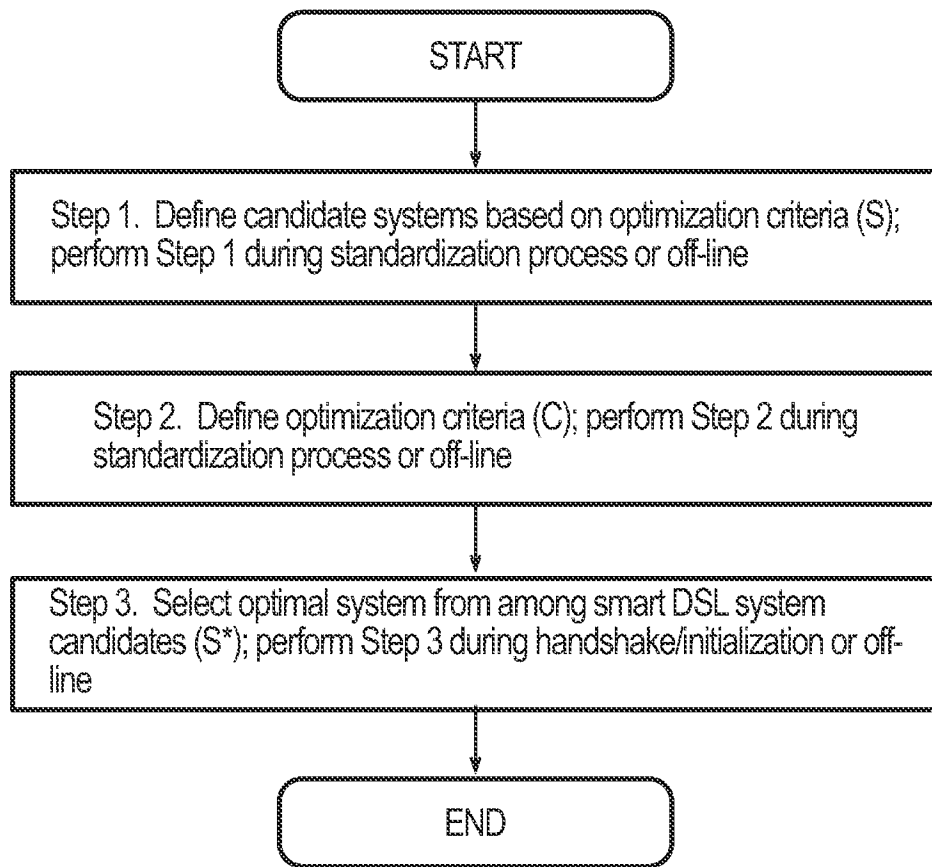


"CP is overruled by CO" sequence

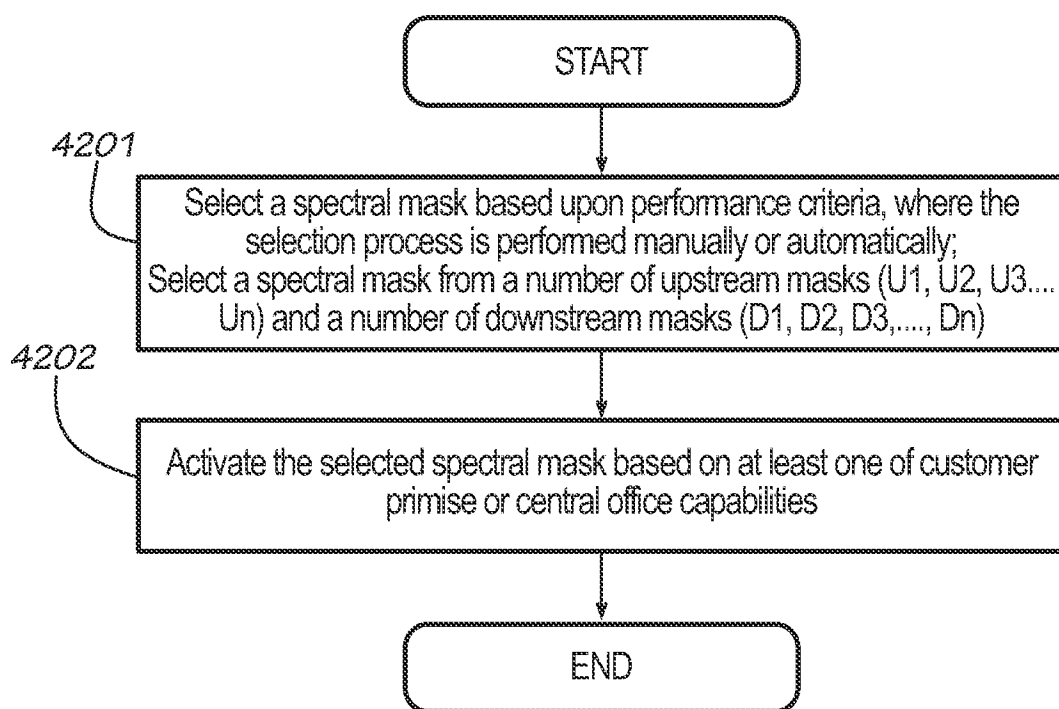
**FIG. 40**



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**FIG. 41**

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**FIG. 42**